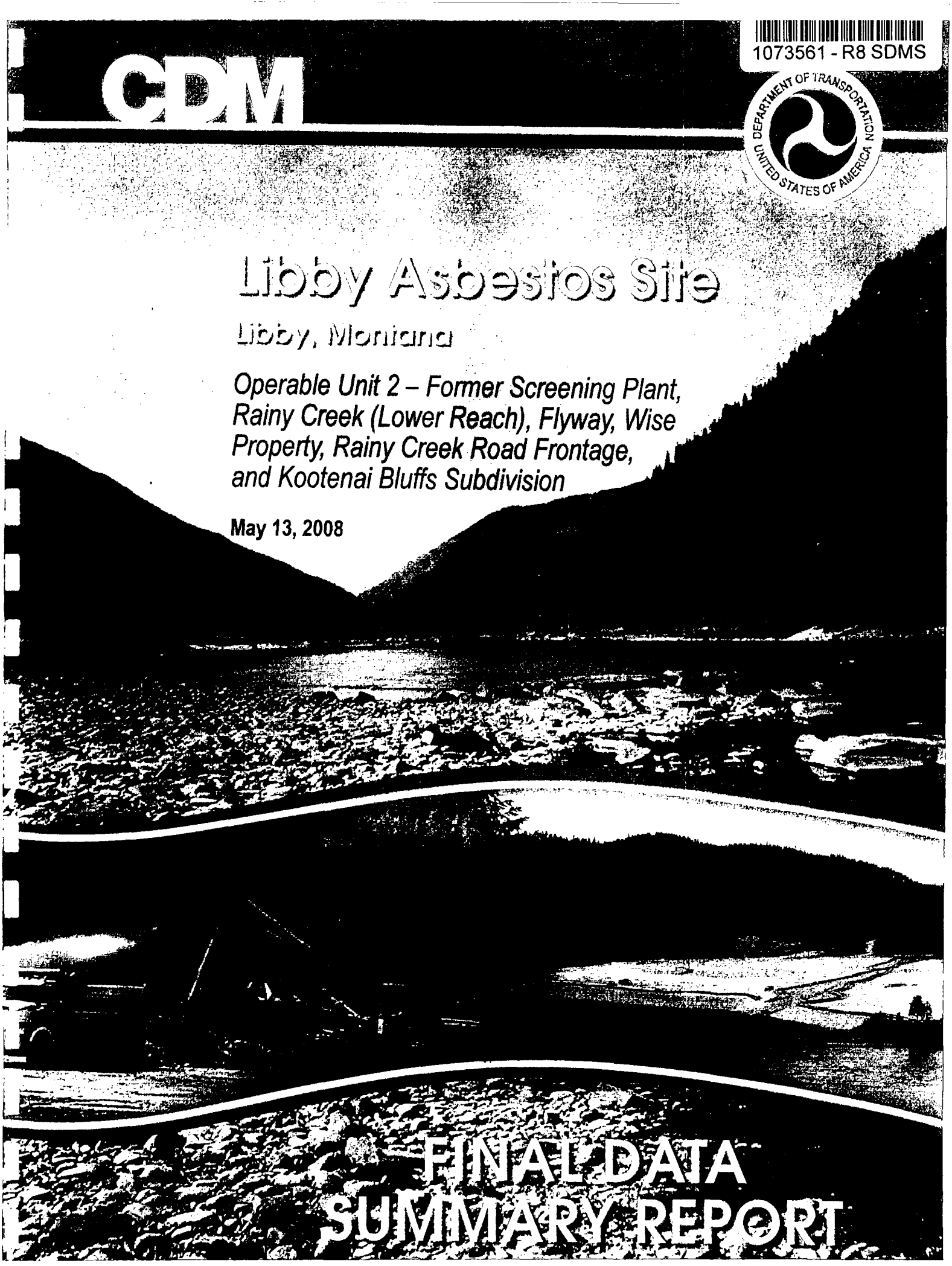
CDM

Libby Asbestos Site

Libby, Montana

Operable Unit 2 – Former Screening Plant, Rainy Creek (Lower Reach), Flyway, Wise Property, Rainy Creek Road Frontage, and Kootenai Bluffs Subdivision

May 13, 2008



FINAL DATA SUMMARY REPORT

Final Data Summary Report
Operable Unit 2 - Former Screening Plant and Surrounding Area
Libby Asbestos Site
Libby, Montana

May 13, 2008

Contract No. DTRT57-05-D-30109
Task Order No. 00006

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Acronyms and Abbreviations

BNSF	Burlington Northern Santa Fe
bgs	below ground surface
C	Chrysotile
C	(suffix in Sample Identifier) coarse sample portion
CDM	CDM Federal Programs Corporation
cm^2	square centimeter
COC	chain-of-custody
DQO	data quality objective
EPA	U.S. Environmental Protection Agency
FG	fine ground sample portion
ft^2	square foot
Grav	gravimetric
ID	identifier
KDC	Kootenai Development Company
LA	Libby Amphibole asbestos
L	liters
MCL	Maximum Containment Level
N	north
N/A	not applicable
ND	non-detect
NIOSH	National Institute for Occupational Safety and Health
OA	Other Amphibole
OU	operable unit
PCB	polychlorinated biphenyls
PLM	polarized light microscopy
PLM-9002	NIOSH 9002 polarized light microscopy method
QA/QC	quality assurance/quality control
QC	quality control
RI	remedial investigation
ROW	right-of-way
S/cc	Structures per cubic centimeter
S/cm^2	Structures per square centimeter
SAP	sampling and analysis plan
site	former Screening Plant site and surrounding area
SQAPP	Phase 1 Sampling and Quality Assurance Project Plan
SRC	Syracuse Research Corporation
SOP	standard operating procedure
SVOC	semi-volatile organic compounds
TAL	target analyte list
TPH	petroleum hydrocarbons
TR	trace

Acronyms and Abbreviations (continued)

u	micron
VE	visual area estimation
VCS	vermiculite-containing soils
VOC	volatile organic compounds
Volpe Center	John A. Volpe National Transportation Systems Center
W.R. Grace	W.R. Grace and Company
%	percent
<	less than
>	greater than
≥	greater than or equal to

Section 1
Introduction

1.1 Objective

This data summary report presents details of investigation and removal activities conducted by the U.S. Environmental Protection Agency (EPA) and by W.R. Grace and Company (W.R. Grace) at the former Screening Plant site and surrounding area (site), operable unit (OU) 2, in Libby, Montana (Figure 1-1).

The objectives of each of the previous investigation efforts have been to determine the nature and extent of Libby amphibole asbestos (LA) contained within various site media: soil, dust, personal air, indoor and outdoor ambient air, and bulk materials. This report also summarizes cleanup activities conducted at the site. The purpose of these removal actions has been to remove either asbestos contaminated buildings from the site and/or remove LA-containing soil that created potential sources of exposures to site users.

The information contained in this report is intended to assist with remedial investigation (RI) decision-making in order to reach site close-out. Specifically, the information presented in this summary will be used to determine if additional sampling is required to fill any data gaps required to complete a risk assessment and/or RI specific to OU2. This will be accomplished by comparing the existing data set to the conceptual site model to determine if any media of concern remain to be evaluated. Any media that is determined to require additional sampling will be sampled using current site protocols, which will be detailed in an investigation-specific sampling and analysis plan (SAP).

A data gap analysis will be performed and submitted to EPA for review that will include a comparison of the previously sampled media and removal actions to the current conceptual site model. The final version of the data gap analysis will be used to develop a SAP, that when implemented, will collect data to fill gaps specific to any potential contaminated media of concern as illustrated in the conceptual site model. This data gap analysis is not intended to fill gaps (i.e., epidemiological or toxicity studies) other than sample collection specific to OU2 or media other than those shown in the conceptual site model.

1.2 Site Location

The site was historically owned and used by W.R. Grace for stockpiling, staging, and distributing vermiculite and vermiculite concentrate to vermiculite processing areas and insulation distributors outside of Libby. Because vermiculite mined from Libby has been found to be contaminated with LA, a known human health risk, EPA initiated an emergency response action in November 1999 to address questions and concerns raised by citizens of Libby regarding possible ongoing exposures to asbestos fibers as a result of historical mining, processing, and exportation of asbestos-containing vermiculite. The Environmental Engineering Division (RTV-4E) of the

John A. Volpe National Transportation Systems Center (Volpe Center) was tasked by EPA Region 8 to provide emergency response and remedial program support for the Libby Asbestos Project. This report summarizes each of the investigation activities and subsequent cleanups that have occurred at OU2 between 1999 and 2006.

The exact geographic area of OU2 has not yet been defined, but includes areas impacted by contamination released from the former Screening Plant. These areas include the former Screening Plant, Highway 37 right-of-way adjacent to the former Screening Plant, Rainy Creek (Lower Reach), Rainy Creek Road Frontage, Flyway, Wise Property, and Kootenai Bluffs Subdivision. The Kootenai Bluffs Subdivision area is located directly across the Kootenai River from the former Screening Plant. Each of the sub areas of OU2 are depicted in Figure 1-2.

1.3 Conceptual Site Model

The Libby Superfund Site has been subdivided into seven OUs to facilitate a phased approach to cleanup. The former Screening Plant and general surrounding area is designated as OU2, as illustrated on Figure 1-3. Historically, the potential human receptors were workers involved with vermiculite processing at the site, both indoors in facility buildings and outdoors during transportation. Current and future potential receptors are commercial workers and tradespersons involved with the construction of new facilities or installation of new utilities within the boundary of OU2. Current and future recreational visitors and residents are also potential receptors at the OU. The conceptual site model for OU2 is depicted in Figure 1-4.

At the former Screening Plant, all buildings were demolished during removal activities. Two new buildings were constructed within the boundaries of the former Screening Plant after removal actions were completed. Following removal actions at the Kootenai Bluffs Subdivision area, one house was constructed and other lots in the area are currently for sale, indicating that additional homes may be constructed in this area in the future.

Both surface and subsurface soils containing visible vermiculite and/or detectable concentrations of LA may remain a primary source of contamination, although confined to certain areas of the site. Areas of residual contamination from removal activities (i.e., visible vermiculite and/or detectable LA at depth), as well as contamination that has not yet been addressed, are shown on Figure 1-5 and Figure 1-6 and discussed in Section 1.5.

Ecological receptors and environmental impacts will be characterized as part of OU4, which includes residential and commercial properties within the Libby Superfund Site. The potential exposure pathways related to inhalation of fibers released from intentional burning of wood for residential winter heat sources or forest fires will be evaluated as part of investigation activities conducted in OU3.

Based on the conceptual site model, the potential contaminated media of concern for OU2 include: outdoor air near highways and rail lines, indoor air, dust in air of

vehicles, outdoor air near disturbed soil, general (ambient) outdoor air, and inhalation of dust in air from disturbances of roofing or other outdoor surfaces.

1.4 Status of the Site

As mentioned in Section 1.3, surface and subsurface soils containing visible vermiculite and/or detectable concentrations of LA remain at OU2 and may pose a risk to human health.

In addition to showing the portions of the site where contaminated soils have been removed, Figures 1-5 and 1-6 also show areas of residual contamination in subsurface soils. It should be noted that analytical results of confirmation soil samples collected within the excavated areas indicate LA is present at depth at concentrations equal to or below EPA's action level for soil, as detailed in Section 2.

Vermiculite-containing soils (VCS) may also be present across the surface of the site because the presence of visible vermiculite in low amounts was not a clean-up trigger at the time the removals were conducted.

Residual contamination is present in each sub-area of OU2 as described below:

- The majority of residual contamination is present at greater than or equal to (≥) 4 feet below ground surface (bgs) within the former Screening Plant area north of Rainy Creek and in several isolated areas less than (<) 4 feet bgs. In general, removal activities in this area were pre-established to 4 feet bgs and contamination was encountered at this depth. The area south of Rainy Creek also has residual contamination; however, a more targeted removal approach was applied to this area and residual contamination ranges between the surface and 4 feet bgs.

- The majority of the excavated areas within the Flyway met EPA's clearance criteria (< 1% LA at depth) at depths varying from < 1 foot bgs to greater than (>) 4 feet bgs. However, LA concentrations ≥ 1percent (%) have been detected in confirmatory soils at the east boundary of the Flyway within the Highway 37 North (N) right-of-way (ROW) at depths up to 2 feet, respectively (Figure 1-5).

- The majority of the Wise Property does not contain residual contamination; however, one confirmation soil sample collected along the north portion of the property contained < 1% LA at a depth of 1 foot bgs.

- Residual contamination is present along the Rainy Creek Road Frontages at a depth between 1 and 2 feet bgs.

- The majority of the excavated areas within the Kootenai Bluffs Subdivision met EPA clearance criteria at depths between 1 and 4 feet bgs. However, samples collected from unexcavated portions of the area in the vicinity of the conveyor unloading station indicate concentrations of LA ≥ 1%. Figure 1-6 indicates locations within the Kootenai Bluffs Subdivision where visible vermiculite has been observed and documented by field personnel; lack of such notation is not an indicator that vermiculite was not observed and/or is currently not present.

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Section 2
Site Activities

Multiple investigation, pre-removal, removal, removal planning, and restoration activities have occurred at the site to date. Each of the following activities is summarized in this section:

Date of Investigation/Action	Investigation/Action Activity
Former Screening Plant	
1999, December	Investigation soil sampling
2000, March	Investigation soil sampling
2000, July	Investigation soil sampling
2000, March	Investigation dust sampling
2000, July	Investigation – Personal Air Sampling
2000, August	Investigation soil sampling
2000, August to October	Removal activities
2000 to 2003	Investigation soil sampling (fill material)
2001, March	Investigation soil sampling
2001, April and May	Investigation soil sampling
2001, August to November	Removal activities
2002, August to November	Removal activities
2002, August to November	Restoration activities
2003, March	Investigation soil sampling
2003 September to 2004, August	Removal activities
2002, October 2003, March and April	Water well installation activities
2005 July to 2006, May	Water well installation activities
Flyway	
2000, March	Investigation soil sampling
2000, September	Investigation soil sampling
2001, March	Investigation soil sampling

Date of Investigation/Action	Investigation/Action Activity
2001, May to July	Investigation soil sampling
2001, September	Removal activities
2002	Removal activity planning
2003, July	Investigation soil sampling
2004, July to November	Removal activities
2005, June	Investigation soil sampling
2005, June	Removal activities
Wise Property	
2000, April	Investigation soil sampling
2005, June	Removal activities
Rainy Creek Road Frontages	
2003, May	Investigation soil sampling
2003, November	Removal activity
2004, August and October	Removal activity
2006, August	Removal activity
Kootenai Bluffs Subdivision	
1999, December	Investigation soil sampling
2000, March	Investigation soil sampling
2001, March	Investigation soil sampling
2001, July	Investigation soil sampling
2001, August to November	Removal activities
2003, September	Investigation soil sampling
2003, July	Activity-based sampling activities
2006, April	Investigation soil sampling

According to EPA's Residential/Commercial Cleanup Action Level and Clearance Criteria Technical Memorandum (EPA 2003a), no site-specific cleanup criterion currently exists for LA in air. Further, decisions regarding future remedial investigation or removal activities at the site are not dependent upon results of air samples collected in association with previous removal work. As such, personal and engineering control air monitoring data is not discussed in this report; however, available results are provided in Appendix A for informational purposes.

The field documentation used to compile this report can be found on CDM Federal Programs Corporation's (CDM's) e-room at https://team.cdm.com/eRoom/R8-RAC/Libby/0_5209.; access to this site can be provided upon request. Information recorded on field sample data sheets is stored in the Libby2 project database and can be queried upon request.

2.1 Former Screening Plant

2.1.1 Site Background

Former Screening Plant

The former Screening Plant is located approximately 5 miles northeast of Libby on the east side of the Kootenai River (Figure 1-2). The area is approximately 21 acres in size, and is bordered by Montana Highway 37 N to the northeast, the Wise property to the southeast, Kootenai Development Company (KDC) property to the south, and the Kootenai River to the west.

The Screening Plant was utilized from 1975 to 1990 by W.R. Grace to screen mined vermiculite by size and grade. The vermiculite was transported from the mine to the site by truck, sorted, and bulk stored in two sheds at the facility. The vermiculite was then loaded onto a conveyor system and transported across the Kootenai River to a conveyor unloading station. Once the vermiculite was transported across the river, it was either trucked to the local export plant (OU1) for processing and shipping or loaded onto rail cars for transportation and distribution to expansion plants outside of Libby.

From 1993 to 1999, the former Screening Plant was used as a fully-operational retail nursery (Raintree Nursery) business where plants, flowers, and trees were grown, stored, and sold. Related plant-care items were also stored and sold at the nursery. The owners of the property lived on the site in a one-story structure that served both as an office and a residence. The largest structure on the property was referred to as the long shed. Approximately one-third of the long shed was used to store nursery supplies, tools, and equipment for the nursery business; the remaining two-thirds were leased to outside parties for storing recreational vehicles, trailers, boats, automobiles, and other items. Five greenhouses were used for growing plants, flowers, and shrubs, and a number of smaller buildings and support structures were used in the nursery operation. Two reinforced concrete tunnels were used to grow mushrooms that were shipped to the Far East for use as medical treatments. A number of steel tanks, hoppers, silos, and other remnants of the former mining operations at the former Screening Plant were stored at the site.

Due to the LA asbestos contamination associated with vermiculite from the Libby mine, the former Screening Plant has undergone extensive investigation and remediation since EPA began emergency response activities in Libby in 1999.

The property is currently privately owned and is being used for residential purposes. It is anticipated that the property will continue to be used for residential and/or commercial purposes.

Rainy Creek

Rainy Creek headwaters form in the Kootenai National Forest, approximately 3 miles north of Vermiculite Mountain (United States Geological Survey 1983). Rainy Creek flows perennially, with discharge into the Kootenai River. For the purposes of this report, only the lower reach – the portion extending from Highway 37 N to the Kootenai River – is discussed. This lower reach, owned by the State of Montana, is shown on Figure 1-2. Data gap analysis and potential future cleanup of the upper reach of Rainy Creek will be addressed as part of OU3 activities.

Limited information exists regarding the historic use of lower Rainy Creek. The lower reach, similar to the upper reach, may have been used as a fishery at some point in its history.

Remediation of lower Rainy Creek, including its banks, was completed in 2003 in conjunction with restoration at the former Screening Plant property. All discussions regarding investigation and removal activities for the lower reach of Rainy Creek are discussed within the sections detailing investigation activities performed at the former Screening Plant. It is expected that Rainy Creek will continue to sustain a viable fish population; however, is unknown whether public access to the lower reach will be allowed in the future.

During remediation, lower Rainy Creek was restored with several step pools to facilitate fishery migration. The records maintained by the Montana Department of Natural Resources and Conservation for ownership of state water rights indicate that the current owners of the former Screening Plant claim provisional water rights to divert surface water from Rainy Creek for irrigation, industrial, and commercial uses. The owners also own the riparian property rights associated with the riparian lands along lower Rainy Creek.

2.1.2 Investigation – Soil Sampling – December 1999

In December 1999, site characterization began at the former Screening Plant and a comprehensive sampling program was conducted. A 100-foot by 100-foot grid was staked out on the site and soil samples were collected from each grid from two depths: a surface sample from 0 to 2 inches bgs, and a subsurface sample from 2 to 12 inches bgs. As sampling continued at the site, it was determined that widespread contamination was present and that this sampling strategy could delay removal activity; therefore, it was not practical to continue sampling so extensively. As directed by the EPA, the sampling program was altered in order to meet the removal objectives for 2000.

During this investigation, a total of 71 surface soil samples and eight surface field duplicate samples were collected. A total of 14 subsurface soil samples and one subsurface field duplicate were collected. All samples collected as part of this investigation were handled and analyzed in accordance with the modified Sampling and Quality Assurance Project Plan (SQAPP) for Environmental Monitoring for Asbestos (here forth referred to as the Phase 1 SQAPP) (EPA 1999). Soil samples were analyzed using National Institute for Occupational Safety and Health (NIOSH)

polarized light microscopy 9002 method (PLM-9002) (NIOSH 1994). Samples were collected from suspected piles of vermiculite, the residential yard, and numerous other locations at the site.

The location and results for samples collected during this investigation are presented in Figure 2-1. Results from the soil sampling indicate that 75 of the samples contained detectable concentrations of LA ranging from < 1 to 4% LA. All remaining results were non-detect (ND) for LA. Table 2-1 summarizes the samples collected within the defined boundary of the former Screening Plant during this investigation.

2.1.3 Investigation – Soil Sampling – March 2000

In March 2000, as directed by EPA, a total of 19 soil samples and two field duplicates were collected from the northern portion of the Former Screening Plant. These samples were collected from stockpiled vermiculite and other areas not previously investigated in December 1999. Similar to December 1999, two different sample depths, ranging between 0 to 2 inches bgs and 2 to 12 inches bgs, were established at most sample locations. All samples were collected, handled, and analyzed in accordance with Revision 1 of the Phase 1 SQAPP (EPA 2000a).

The location and results for samples collected during this investigation are presented in Figure 2-1. Results from the soil samples analyzed by PLM-9002 indicate that 18 of the samples contained detectable concentrations of LA ranging from < 1 to 5%. The results for the remaining samples were ND for LA. Table 2-2 summarizes these sample results.

2.1.4 OU2 Site-wide Investigation, Eastern Portion – Soil Sampling – July 2000

In July 2000, a total of 36 soil samples were collected, handled, and analyzed in accordance with Revision 1 of the Phase 1 SQAPP (EPA 2000a) to characterize areas not previously investigated in December 1999. This investigation activity was part of a site-wide soil sampling effort along the east portion of OU2 and included the former Screening Plant, the Wise Property, and the Flyway. In general, these samples were collected either along the eastern boundary of these sites or along the east bank of the Kootenai River:

- A total of 20 of these samples (1-01661 through 1-01680) were collected along the eastern boundary of the former Screening Plant
- Four of these samples (1-01681 through 1-01684) were collected within the defined boundary of the Wise property
- Six of these samples (1-01685 through 1-01690) were collected along the eastern edge of the defined boundary of the Flyway
- Six of these samples (1-01691 through 1-01696) were collected along the eastern bank of the Kootenai River within the southern portion of the former Screening Plant and central portion of the Flyway

Surface and subsurface soil samples were collected at each location and depths ranged between 0 to 2 inches bgs and 2 to 12 inches bgs, respectively.

The location and results for samples collected during this investigation are presented in Figure 2-1. Results from the soil samples analyzed by PLM-9002 indicate that 20 of the samples contained detectable concentrations of LA ranging from < 1 to 2%. The results for the remaining samples were ND for LA. Table 2-3 provides a summary of samples collected during this investigation.

2.1.5 Investigation – Dust Sampling – March 2000

According to the Final Removal Action Work Plan (RAWP) for the Screening Plant (CDM 2001c) the long shed was a 39,200-square foot (ft^2), partially open shed, with an average wall height of 30 feet. The long shed was the largest building at the property and was located southwest of the owner's residence and main office, as shown in Figure 2-1. The long shed was constructed in a cut slope on the property and was used to store various items.

On March 15, 2000, five dust samples were collected from various items, such as cars and boats, stored in the long shed to determine if dust within the building was contaminated with LA. The samples were collected, handled, and analyzed in accordance with Revision 1 of the Phase 1 SQAPP (EPA 2000a),

The results of dust sampling indicated amounts of LA ranging from 16,984 to 670,852 structures per square centimeter (S/cm^2). Due to the high dust concentrations of LA, items within the shed were not salvageable and were left in place for disposal. During soil removal activities, the long shed was used to store contaminated soil. The building was later demolished in 2001, as reported in Section 2.2.11. Table 2-4 summarizes results of dust samples collected within the long shed during this investigation.

2.1.6 Investigation – Personal Air Samples – July 2000

In July 2000, two personal air samples were collected during a sweeping activity in and around the long shed. The purpose of the air sample was to determine concentrations of LA as a result of the activity.

LA was detected in these samples at concentrations ranging from 0.2678 to 4.9986 Structures per cubic centimeter (S/cc). Table 2-5 summarizes results of personal air samples collected within the long shed during this investigation.

2.1.7 Investigation – Test Pits – August 2000

A test pit excavation program was conducted between August 11 and August 21, 2000 to determine the vertical extent of contaminated soil at the site. A total of 74 soil samples were collected, handled, and analyzed in accordance with Revision 1 of the Phase 1 SQAPP (EPA 2000a), from 16 test pit locations (two test pits north of the former greenhouses and 14 test pits throughout the remainder of the site). Test pit depths varied in depth from 1 to 13 feet bgs.

The location and results for samples collected during this investigation are presented in Figure 2-1. Results from the soil samples analyzed by PLM-9002 indicate that 33 of the samples contained detectable concentrations of LA ranging from < 1 to 5% and 20 samples were ND for LA. Results are not available for a total of 21 soil samples from this investigation. Based on the results from this investigation and as determined during removal activity in 2000, EPA directed the removal of soil to depths of at least 4 feet bgs from the former Screening Plant area north of Rainy Creek. Table 2-6 provides a summary of samples collected within the defined boundary of the former Screening Plant during this investigation.

2.1.8 Removal Activities – August to October 2000

Site preparation for the removal of contaminated soil began in the summer of 2000 and included stockpiling miscellaneous items and debris, such as steel silos and hoppers, evaporative cooling units, metal debris, underground and aboveground storage tanks, and approximately 30,000 ft^2 of vegetative cover and landscaping. Contaminated soil removal began along the northern portion of the former Screening Plant in August 2000 following the removal, disposal, and/or relocation of all stored items and the demolition of all buildings except for the long shed.

According to the Final Screening Plant RAWP (CDM 2001c), excavation depths were not to exceed 18 inches bgs; however, as excavation began it was discovered that LA contamination exceeded the prescribed excavation depth of 18 inches. In an attempt to determine the maximum depth of the contaminated material, soil was excavated at several locations to a depth of 20 feet bgs. Since uniform clean soil could not be reached, EPA determined that excavation to a maximum depth of 4 feet would be sufficient to mitigate human exposure risks. All contaminated soil that was not excavated during the fall of 2000 was covered with a geotextile fabric and clean fill materials placed along the north portion of the former Screening Plant. Fill material was placed in accordance with the restoration plan as negotiated between EPA and the property owners, regardless of pre-existing site conditions.

During this timeframe, removal activities were also performed south of Rainy Creek and at the Wise Property. The removal activities in these areas were completed in conjunction with site preparation for a decontamination pad to be constructed west of Highway 37 N and south of Rainy Creek, as discussed in Section 2.4.

From August 10 until October 6, 2000, a total of 143 confirmation soil samples and seven field duplicates were collected as part of the ongoing removal of contaminated soil from the Screening Plant area. These samples were collected from the surface of the open excavation areas and varied in elevation. Five of these samples were collected within the defined boundary of the Wise Property and two were collected from along the northern portion of Flyway; however, these will be reported with the former Screening Plant removal activities as the location of these samples was suspected to be within the boundary of the former Screening Plant property when they were collected.

The location and results for these samples are presented in Figure 2-2. Results from the soil samples analyzed by PLM-9002 indicate that 101 of the samples contained concentrations of LA ranging from < 1 to 8% LA. Table 2-7 provides a summary of the soil sample results obtained during removal activities in 2000. Analysis of the results indicates that contaminated soil remains throughout much of the site at varying depths, as shown in Figure 1-5. In addition, VCS may be encountered at relatively shallow depths below the as-built topographical site elevation taken in 2006; specifically, within the vicinity of utility poles, guy wires, the edges of roadways, property boundary markers, state highway boundary markers, and National Forest Service property bounds.

No construction debris or contaminated soils were hauled to the mine by EPA contractors in 2000. All soils were stockpiled in and around the former long shed and covered with a tarp and clean fill for temporary storage during the winter. The tarp limited water saturation of the soil reducing the net weight of the soil to facilitate hauling in the future and eliminated the need to provide dust control measures.

The former mine site was planned to be used as a disposal site for contaminated soils removed from the former Screening Plant. In response to concerns from W.R. Grace that material moved from the former Screening Plant could contaminate the mine with contaminants other than LA, periodic soil samples were collected and analyzed for volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), polychlorinated biphenyls (PCB)/pesticides, and total petroleum hydrocarbons (TPH). Results from these samples indicated that these contaminates were not of concern and will be made available upon request. Access to the mine for use as a disposal site was granted in 2001.

2.1.9 Fill Material – OU2 Site

Fill materials used for restoration at the Libby Superfund Site are first tested by EPA to ensure that they are free from organic and inorganic contaminants (above background levels) and meet project-specific physical characteristics. During the former Screening Plant restoration activities, testing is conducted as follows:

- Asbestos every 3,000 cubic yards
- VOCs, SVOCs, PCBs, TPH, herbicides, pesticides, and target analyte list (TAL) metals every 5,000 cubic yards
- Geotechnical/agronomy parameters every 5,000 cubic yards

Results of these tests were evaluated by qualified project personnel. Once it was determined the fill material met project specific requirements it was used for restoration purposes.

A total of 40 soil samples were collected from the backfill materials used at OU2 from 2000 until 2003. Fill material placed at OU2 was obtained from the Nixon, Noble, and Plum Creek (Birk) pits located in Libby.

Results from the fill material soil samples analyzed by PLM-9002 indicate that two of the samples contained detectable concentrations of LA at < 1%. The results for the remaining samples were ND for LA. Only fill that did not contain detectable concentrations of LA was used for restoration activities at all OU2 subareas. Table 2-8 provides a summary of all samples collected from the fill sources during remedial activities at OU2. Results of the additional analyses are available upon request.

2.1.10 Investigation – Soil Sampling – March 2001

In March 2001, additional investigation activities were conducted to characterize areas not previously sampled in 1999 or 2000. During this effort, four soil samples were collected, handled, and analyzed in accordance with Revision 1 of the Phase 1 SQAPP (EPA 2000a), from an undetermined area north of the OU2 site. These samples were collected from a depth ranging between 6 to 30 inches bgs. Results from the soil samples analyzed by PLM-9002 indicate that all samples contained < 1% LA. Table 2-9 provides summary of all samples collected during this investigation. Coordinate data is not available for these four samples; therefore these sample locations do not appear on Figure 2-1.

2.1.11 Investigation – Soil Sampling –April and May 2001

In April and May 2001, a total of 50 soil samples were collected, handled, and analyzed in accordance with Revision 1 of the Phase 1 SQAPP (EPA 2000a), from the banks of the Kootenai River and the lower reach of Rainy Creek. A total of 12 of these soil samples were collected within the boundary of the lower reach of Rainy Creek; however because the boundary of the lower reach of Rainy Creek was not defined when these samples were collected, these samples will be summarized in this section. All soil samples were surface samples collected at a depth of 0 to 6 inches bgs.

The location and results for samples collected during this investigation are presented in Figure 2-1. Results from the soil samples, analyzed by two additional PLM analytical methods – visual area estimation (PLM-VE) and gravimetric (PLM-Grav) (Syracuse Research Corporation [SRC] 2003), indicate that 44 of these samples contained detectable concentrations of LA ranging from < 1 to 20%. The results for the remaining samples were ND for LA. Table 2-10 provides a summary of all samples collected during this investigation.

EPA is in the process of evaluating the accuracy and replicability of each of the PLM-VE and PLM-Grav methods. However, based on EPA's performance evaluation study to date, these results are currently being used to make project removal decisions. Therefore, for the purposes of this report, only the more conservative (higher concentration) of the two sample techniques will be reported.

2.1.12 Removal Activities – August to November 2001

The removal of contaminated soil continued in September 2001 at various areas within the former Screening Plant boundary. At the conclusion of removal activities in 2000, all contaminated materials were stockpiled in and around the former long shed as a result of failed negotiations between W.R. Grace, KDC, and the EPA for

access to the former mine site for use as a disposal location for LA contaminated soil. In 2001, EPA was granted permission to dispose of all asbestos-contaminated material at the former mine site.

The former long shed was demolished in conjunction with the removal of the contaminated soils. The reinforced concrete base slab for the former long shed was not removed as part of the demolition and removal activities. Instead holes were punched in the floor slab and the slab was abandon in place. Common fill, agricultural fill, and topsoil were placed above the abandoned floor slab at depths ranging from a minimum of 5 feet to over 8 feet. Contaminated soil surrounding the former long shed was then excavated to a depth of 4 feet bgs and confirmation samples were collected similar to removal activities performed in 2000.

Additional soil was excavated along the north portion of the former Screening Plant site, adjacent to the Kootenai River. Restoration activities along the Kootenai River bank began in the fall of 2001 and included the placement of rip-rap and geotextile fabric as an erosion and flood control measure.

During the 2001 removal activities, a total of 52 confirmation soil samples were collected. The location and results for samples collected during this removal activity are presented in Figure 2-2. Results from the soil samples analyzed by PLM-9002 indicate that approximately 33 of these samples contained detectable concentrations of LA ranging from < 1 to 2%. The results for the remaining samples were ND for LA. Table 2-11 provides a summary of the soil sample results obtained during removal activities in 2001. Analysis of the results indicates that contaminated soil remains throughout much of the site at varying depths, as shown in Figure 1-5.

Periodic soil samples continued to be collected in 2001 from contaminated soil expected to be transported to the mine for the analysis of VOCs, SVOCs, PCB/Pesticides, and TPH, in response to concerns from W.R. Grace that site activities at the former Screening Plant could contaminate the mine. All sample results indicated that these parameters were not of a concern. Results for these analyses will be made available upon request.

As removal activities were completed, restoration activities began and fill material continued to be hauled to the former Screening Plant; however, at a greater frequency in 2001 than in 2000. Common fill and structural fill was placed, compacted, and rough graded to provide adequate drainage through the winter and spring. All fill material was placed in accordance with the restoration plan as negotiated between EPA and the property owners, regardless of pre-existing site conditions.

2.1.13 Removal Activities – August to October 2002

The focus of the 2002 removal activities was along the bank of the lower reach of Rainy Creek and at the decontamination pad area.

In August 2002, the decontamination pad was removed and two inches of soil was excavated from around the pad area. A total of 17 confirmation soil samples were

collected as part of the removal of the decontamination pad. Soil samples were collected from a depth of 0 to 2 inches. The location and results for this investigation are presented in Figure 2-2. Results from the soil samples analyzed by PLM-9002 indicate that one sample contained a detectable concentration of LA at 1%. The results of the remaining soil samples collected were ND for LA. Table 2-12 lists the results of samples collected during this removal activity.

Remediation along the lower Rainy Creek banks consisted of the removal of all trees and vegetation, in addition to 18 inches of contaminated soil. No removal activities were performed within the creek bed.

On October 4, 2002, nine confirmation soil samples were collected along the north and south creek banks of Rainy Creek, on the downstream side of Highway 37 N. All samples were handled and analyzed in accordance with Revision 1 of the Phase 1 SQAPP (EPA 2000a). These samples were collected from 0 to 2 or 4 inches bgs. The location and results for samples collected during this removal activity are presented in Figure 2-2. Results from the soil samples analyzed by PLM-9002 indicate that two samples contained detectable concentrations of LA at < 1%. The results of the remaining soil samples collected were ND for LA. Table 2-12 summarizes the results of samples collected during this removal activity.

2.1.14 Site Restoration Activities - 2002

In accordance with the restoration work plan as negotiated between the EPA and the property owners, approximately 36 inches of agricultural fill was placed and compacted above the existing common fill and structural fill place in 2000 and 2001. In addition, 6 inches of topsoil was placed above the agricultural fill as directed by the property owners.

Restoration of the roadways at the former Screening Plant was accomplished by the placement and compaction of structural fill in accordance with the restoration work plan to a minimum depth of 12 inches below the final roadway surface grade. A minimum of 12 inches of crushed base course Type "A" Grade 6 was placed along the roadway surface in 6 inch lifts and compacted to a maximum dry density of 95%. A geotextile fabric was placed between the structural fill and the Grade 6 Type "A" base course layer along the 12-foot wide roadways through the site (CDM 2003a).

In August 2002, a total of 17 test pits were excavated during restoration activities to determine the finished grade of the geotextile bgs. These pits are labeled as TP-A through TP-Q shown in Figure 2-1.

Restoration activities associated with the 2002 removal actions along Rainy Creek included the placement of topsoil along the banks, followed by the re-vegetation of the banks by planting trees and other shrubs to provide additional bank stability and erosion control.

2.1.15 Tree Storage Area Sampling – March 2003

On March 25, 2003 a total of 12 soil samples were collected, handled, and analyzed in accordance with Revision 1 of the Phase 1 SQAPP (EPA 2000a) from six locations at the tree storage area located east of the former Screening Plant within a fenced area on the Rainy Creek Road south frontage. The purpose of these soil samples was to determine if soil in the root balls of the trees removed from the site were contaminated with LA. Soil samples were collected from within the root balls and under the trees at depths varying from 6 to 12 inches bgs. In addition, six bulk samples were collected from the burlap that was wrapped around the roots of the trees.

Sample location coordinates were not available for this investigation. Results from the soil samples analyzed by PLM-9002 indicate that all soil samples collected were ND for LA. Results from the bulk burlap samples indicate that all samples collected were ND for LA. Tables 2-13 and 2-14 summarize the results for the soil samples and bulk samples, respectively. These trees were replanted as part of the ongoing restoration activities at the former Screening Plant.

2.1.16 Highway 37 N Right-of-Way Removal Activities– September 2003 to August 2004

Removal activities were performed in September 2003, along the west ROW of Highway 37 N; 350 feet south to 270 feet north of the former Screening Plant entrance. A total of 10 confirmation soil samples and one field duplicate were collected from a depth of 0 to 6 inches bgs.

The location and results for the samples collected during this removal activity are presented in Figure 2-2. Results from the soil samples analyzed by PLM-9002 indicate that two samples located between approximately 70 and 270 feet north of the entrance contained detectable concentrations of LA at < 1% LA. The results of the remaining soil samples collected were ND for LA. Table 2-15 summarizes the results for the soil samples collected.

Removal activities were also performed in August 2004, along a west portion of Highway 37 N ROW adjacent to the north portion of the former Screening Plant property. The removal activity was completed in conjunction with removal activities along the Rainy Creek Road north and south frontages in August 2004, as discussed in Section 2.9. A total of 7 confirmation soil samples were collected from a depth of 0 to 2 inches bgs.

The location and results for the samples collected during this removal activity are presented in Figure 2-2. Results from the soil samples analyzed by PLM-9002 indicate that five samples contained detectable concentrations of LA ranging from < 1 to 3%. The results of the remaining soil samples collected were ND for LA. Table 2-15 summarizes the results for the soil samples collected.

2.1.17 Potable Water Well Installation – October 2002, March and April 2003

During the removal of vermiculite containing soil at the former Screening Plant the original potable water well (Original Well) at the site was damaged. The integrity of the well's surface casing was compromised and tests indicated that the well was obstructed at a depth of 41 feet bgs, possibly by soil falling into the well.

A water sample collected from the well on October 3, 2002 indicated the presence of asbestos in the well and a replacement well (PW-01) was drilled on March 27, 2003. During drilling of replacement well, asbestos was detected in aquifer materials and in water produced from the alluvial aquifer in which the original well was completed. In addition, drilling difficulties resulted in abandonment of the borehole. In addition, drilling difficulties resulted in abandonment of a second borehole designated as PW-02.

Well PW-01 was eventually completed in the underlying bedrock aquifer in an attempt to avoid water containing asbestos. Water samples collected after the installation of PW-01 indicated the well was completed in an aquifer containing mineralized thermal waters with a fluoride concentration above the maximum contaminant level (MCL). Due to the unsuitability of the water produced from Well PW-01 as a potable water supply, an additional well (New Well) was completed in the alluvial aquifer as described in Section 2.1.17.

The locations of the Original Well, PW-01, PW-02 and New Well are shown in Figure 2-1. Results from the soil samples collected during well installation in 2003 are provided in Table 2- 15. Results from the water samples collected prior to and during well installation in 2002 and 2003 are provided in Table 2-16.

Following the installation of the wells in 2003, the granular pad used during drilling was removed and a soil sample was collected in May 2003. The result from the soil sample analyzed by PLM-9002 indicated that the sample did not contain LA. The result from the soil sample collected is provided in Table 2-17.

2.1.18 Potable Water Well Installation – July 2005 and May 2006

Prior to well installation of the New Well, in July 2005, one water sample was collected from well PW-01 for informational purposes (Table 2-18). During well development and pumping tests, eight water samples were collected from the New Well. One groundwater sample collected during the early phase of well development was not analyzed due to high turbidity. Water samples collected during development and during the step-drawdown test indicated that well development was successful in removing asbestos from the formation adjacent to the well. Near the end of well development, the concentration of asbestos fibers greater than 10 um was 0.5 million structures per liter (s/L). The EPA only regulates structure fibers greater than 10 um and has set the drinking water MCL at 7 million s/L. Results from the water samples collected prior to and during well installation in 2005 and 2006 are provided in Table 2-18.

Following drilling activities, a clearance sample was collected from the soil cuttings. The result from the soil sample analyzed by PLM-9002 indicated that the sample did not contain LA. The result from this soil sample is provided in Table 2-19.

2.2 Flyway

2.2.1 Site Background

Currently owned by KDC (a subsidiary of W.R. Grace), the area commonly referred to as the "Flyway" is comprised of approximately 19 acres located northeast of Libby, immediately south of the former Screening Plant and Wise Property (Figure 1-2). The Flyway is bounded by Highway 37 N to the northeast, a residential subdivision (River Runs Through It) to the south, the Kootenai River to the southwest, and the former Screening Plant and Wise property to the north. The Flyway is accessed through a non-gated entrance to the adjacent Wise property off Highway 37 N. For the purpose of this report, the Flyway area includes the Highway 37 N ROW, which is adjacent to the west side of Highway 37 N. The ROW is used and maintained by the Montana Department of Transportation.

Formerly owned by W.R. Grace, the Flyway housed a pump that was used during vermiculite mining operations to convey water from the Kootenai River to the mine site. The pumphouse, located close to the Kootenai River, has since been abandoned and the pump is no longer functional. The interior insulation of this metal structure was removed and all parts of the building were washed. The empty structure was left on-site for possible future use.

In 1999, when EPA first visited the property, the Flyway was found to contain several vermiculite piles. One portion of the property had been covered with imported fill and it was suspected that vermiculite-containing material had been moved from the former Screening Plant and used as fill to level parts of the Flyway where drainages existed. Following investigation work performed by EPA as part of the Libby emergency response, a portion of the Flyway was remediated in 2001 by W.R. Grace at the direction of EPA. In 2003, additional remediation at the site was completed by EPA, and in 2005, the Highway 37 N ROW was remediated by EPA. Details of investigation and remediation activities conducted at the Flyway are provided in Sections 2.2.8, 2.2.11, and 2.2.13, respectively, of this report.

The Flyway is currently vacant, undeveloped land. At this time, there are no plans to develop this property by the owners.

2.2.2 Investigation Sampling – March 2000

In March 2000, site characterization began at the Flyway. On March 8, 2000, a total of 45 soil samples were collected, in accordance with Revision 1 of the Phase 1 SQAPP (EPA 2000a), at the Flyway from the following locations at sample depths from 0 to 32 inches bgs:

- The main dirt road through the site

- Known piles of vermiculite
- Imported fill material piles
- Beneath several imported fill material piles

The location and results for the samples collected during this investigation are presented in Figure 2-1. Results from the soil samples analyzed by PLM-9002 indicate that 30 samples contained detectable concentrations of LA ranging from < 1 to 8%. The results of the remaining soil samples collected were ND for LA. Table 2-20 summarizes the samples collected during this investigation.

2.2.3 Investigation Sampling – September 2000

As part of the investigation of the National Register Eligible Prehistoric Indian Archaeological Site, test pits were excavated within the northern portion of the Flyway and soil samples were taken to document possible exposure to the archaeological field crew. Between September 16 and 19, 2000, a total of 17 soil samples were collected, handled, and analyzed in accordance with Revision 1 of the Phase 1 SQAPP (EPA 2000a). Sample depths of each test pit were measured from ground surface and ranged between 10 and 64 inches bgs.

The location and results for the samples collected during this investigation are presented in Figure 2-1. Results from the soil samples analyzed by PLM-9002 indicate that 2 samples contained detectable concentrations of < 1% LA. The results of the remaining soil samples collected were ND for LA. Table 2-21 summarizes the samples collected during this investigation.

2.2.4 Investigation Sampling – March 2001

Exploratory trenching was conducted on March 28, 2001 to determine the vertical extent of contamination in soil not previously investigated. A total of six soil samples were collected, handled, and analyzed in accordance with Revision 1 of the Phase 1 SQAPP (EPA 2000a), from 6 trenches located in the southern portion of the Flyway. Trench depths varied from 16 to 33 inches bgs.

The location and results for the samples collected during this investigation are presented in Figure 2-1. Results from the soil samples analyzed by PLM-9002 indicate that 4 samples contained detectable concentrations of LA ranging from < 1 to 2%. The results of both remaining soil samples collected were ND for LA. Table 2-22 summarizes the samples collected during this investigation.

2.2.5 Investigation Sampling – May to July 2001

In May to July 2001, a total of 46 soil samples were collected as part of investigation activities along the banks of the Kootenai River within the boundary of the Flyway. All soil samples collected were surface samples ranging in depth from between 0 and 4 to 6 inches bgs. Samples were collected, handled, and analyzed in accordance with Revision 1 of the Phase 1 SQAPP (EPA 2000a).

The location and results for the samples collected during this investigation are presented in Figure 2-1. Results from the soil samples analyzed by PLM-9002 indicate that 25 samples contained detectable concentrations of LA ranging from < 1 to 2%. The results for the remaining samples were ND for LA.

On July 19, 2001, nine soil samples were collected as shown in Figure 2-1. All samples were collected, handled, and analyzed in accordance with the Phase 1 SQAPP (EPA 2000a). These samples were collected along the southern portion of the east Flyway boundary to provide information on areas not previously investigated. These surface soil samples were collected from 0 to 4 inches bgs.

Figure 2-1 presents the location and results for this investigation. Results from the soil samples analyzed by PLM-9002 indicate that six samples contained detectable concentrations of < 1%LA. The results of the remaining soil samples collected were ND for LA. Table 2-23 summarizes the samples collected during the investigations performed in May to July 2001.

2.2.6 Removal Activity – September 2001

Following negotiations between W.R. Grace, KDC, and the EPA, the work plan for the Flyway property was finalized and removal activities began. W.R. Grace contracted with a private removal contractor to complete the removal effort and the EPA provided oversight activities. In general, all removal activities at the Flyway were completed in accordance with the Final Removal Action Work Plan Addendum for the Flyway Property (CDM 2001b). Removal activities on-site began in September 2001, starting at the south end of the property working north towards the former Screening Plant. Soil removal was performed using a 100-foot by 100-foot grid and included approximately 16 grids covering 3.37 acres.

The work plan (CDM 2001b), called for soils to be excavated to a depth of 18 inches throughout the entire removal area. In the event that visible vermiculite or analytical results > 1% LA were present at the floor of the excavation, then an additional 6 inches would be excavated. This iterative process was carried throughout the site, with a maximum excavation depth of 4 feet below original ground surface elevation.

A total of 21 confirmation soil samples were collected between September 14 and 27, 2001. Samples were collected from the bottom of the excavation between 0 and 2 inches bgs. The extent of excavation resulting from removal work conducted at the Flyway in 2005 is depicted on Figure 1-5. Final confirmation soil sampling results (i.e., the final sample collected in each grid or excavation area) are also depicted on Figure 1-5.

The location and results for the samples collected during this removal activity are presented in Figure 2-2. Results from the soil samples analyzed by PLM-9002 indicate that 2 samples contained detectable concentrations of < 1%LA. The results of the remaining soil samples collected were ND for LA. Table 2-24 summarizes the samples collected during this investigation.

Following excavation and soil clearance activities, the area was restored in accordance with the work plan (CDM 2001b). Restoration consisted of backfilling the site to grade using materials from a local EPA-approved fill source (refer Section 2.2.8). Common fill was placed, and compacted and overlain with 6 inches of topsoil and hydroseeding as required.

2.2.7 Removal Planning – 2002

Removal activities were halted in 2002 due to government contracting delays and a relatively short construction season. During this delay, removal planning for the continuation of removal activities was completed.

Following a site walk in 2002 as part of the removal planning process, EPA identified additional grids requiring removal. Also, the removal planning for the 2002 construction season included the preparation of the first Removal Action Work Plan Addendum 1 (CDM 2002b). Addendum 1 provided a brief summary of the removal activities conducted in 2001 and the remaining scope of work for the project; however, this addendum was completed prior to receiving all confirmation sample survey data. As reported in Addendum 1, a total of 13 removal grids had been excavated in 2001; however, a total of 16 removal grids were actually completed (refer to Section 2.3.8). In addition, the addendum indicated that 28 removal grids would have to be excavated in 2002.

After finalization of Addendum 1, EPA modified the approach for cleanup of the Flyway property. The cleanup criteria for the site, as presented in the original work plan, was to remove soils with LA asbestos concentration > 1%. EPA determined that until the risk assessment was complete for the site, all surface soils contaminated with visible vermiculite should be removed so that a second mobilization for characterization and removal would not have to be conducted. The cleanup criteria for subsurface soils remained 1% LA asbestos. Following this decision, all sampling data that had been collected to date was reevaluated to determine how it would affect the remaining scope of work. This review concluded that several grids did not contain sufficient data to make removal determination decisions and that additional characterization was needed. This additional characterization was conducted in July 2003.

2.2.8 Investigation Sampling – July 2003

Additional soil samples were collected along the east boundary of the Flyway and the Highway 37 N ROW from areas not previously investigated to determine if these areas required removal. On July 12, 2003, a total of 14 soil samples and one field duplicate samples were collected, handled, and analyzed in accordance with the Phase 1 SQAPP. These surface soil samples were collected from 0 to 6 inches bgs.

The location and results for the samples collected during this investigation are presented in Figure 2-1. Results from all soil samples analyzed by PLM-9002 were ND for LA. Table 2-25 summarizes the samples collected during this investigation.

2.2.9 Removal Activity – July to November 2004

Removal planning for the 2004 season included additional characterization (refer Section 2.3.10) and the preparation of the second RAWP Addendum 2 (CDM 2003b).

In accordance with the RAWP Addendum 2 (CDM 2003b), removal activities completed in 2004 included the excavation of contaminated soils from a total of 53 removal grids at the Flyway; a total of 48 removal grids from the northern portion of the property; and five removal grids from the Kootenai riverbank along the southern portion of the property. After the finalization of the RAWP Addendum 2 (CDM 2003b), a meeting was held between EPA and W.R. Grace to determine if 5 removal grids located in the Highway 37 N ROW and the removal grid Q3 (southern property line) had to be remediated by W.R. Grace. Based on the decision from EPA, the Highway 37 N ROW removal grids would not to be excavated during this removal activity and a subsection of grid Q3 on the Flyway property would be excavated.

Remediation criteria were met at the site if the confirmation soil samples at the depth of 12 inches bgs were ND for LA and no visible vermiculite was observed. Starting with the removal depth of 18 inches the remediation criteria for confirmation soil samples were ND or <1% for LA and no visible vermiculite. Additional 6-inch lifts had to be removed if these removal criteria were not met. This iterative process was carried throughout the site, with a maximum excavation depth of 4 feet below original ground surface elevation (Figure 1-5).

During removal activities in 2004, in accordance with the RAWP Addendum 2(CDM 2003b), contaminated soil was removed from 34 full and 14 partial removal grids. In addition to the planned removal activities in 2004, two additional removal grids (J5 and J6) were excavated due the presence of visible vermiculite. The excavation within these grids was completed in accordance with the RAWP Addendum 2 (CDM 2003b). Grids located in the river bank slope were excavated the Kootenai River water level at that time. A total of 286 confirmation soil samples and 21 field duplicates were collected between July 15 and November 4, 2004. Samples were collected from the bottom of the excavation between 0 to 2 inches bgs.

The location and results for the samples collected during this removal activity are presented in Figure 2-1 (with the exception of one sample [FL-01360], for which no coordinate data is available). Results from the soil samples at an excavations depth of 12 inches analyzed by PLM-9002 were all ND for LA. Final confirmation samples collected at an excavation depth of 18 inches and greater were either ND or < 1% LA by PLM-9002. Table 2-26 summarizes the samples collected during this removal activity.

The extent of excavation at the Flyway in 2005 is depicted on Figure 1-5. Final confirmation soil sampling results (i.e., the final sample collected in each grid or excavation area) are also depicted on Figure 1-5.

Following excavation and confirmation soil sampling, the area was restored in accordance with the RAWP Addendum 2 (CDM 2003b). Restoration consisted of

backfilling the site to grade using materials from a local EPA-approved fill source (refer Section 2.2.8), and hydroseeding as required.

2.2.10 Pre-Removal Investigation Sampling – June 2005

In June 2005, highway structural integrity and slope stability issues along a portion of steep bank were discussed during the construction startup meeting for removal activities at the Wise Property and along the Flyway ROW. Following the meeting, a decision was made to collect soil samples along these areas to determine if the quantity of soil to be removed could be reduced to protect the roadway. On June 1, 2005, a total of 12 soil samples were collected, handled, and analyzed in accordance with the Draft Final Pre-design Inspection Activities Work Plan (CDM 2003d). These soil samples were collected from 0 to 2 inches bgs, along the south portion of the Flyway ROW, from the investigation grids.

The location and results for the samples collected during this investigation are presented in Figure 2-1. Results from the soil samples analyzed by PLM-9002 indicate that four samples contained detectable concentrations of < 1%LA. The results of the remaining soil samples collected were ND for LA. Table 2-27 summarizes the samples collected during this investigation.

2.2.11 Removal Activity – June 2005

Following the results of the ROW sampling in June 2005 the remediation of the Highway 37 N ROW began. In general, the Final Removal Action Work Plan Addendum to the Removal Action Work Plan for the Wise Property and KDC Flyway ROW (CDM 2005) called for soils to be excavated to a depth of 12 inches throughout the entire removal area (Figure 1-5). During the pre-removal investigation sampling in June 2005, CDM personnel observed a stockpile in the KDC Flyway ROW containing gross amounts of LA. This stockpile was been included in the removal action and it's footprint was excavated to a depth of 12 inches bgs.

A total of ten confirmation soil samples were collected between June 21 and June 29, 2005. Samples were collected from the floor of the excavation at depths of 4 inches up to 14 inches bgs.

The location and results for the samples collected during this removal activity are presented in Figure 2-2. Results from the stockpile soil samples analyzed by PLM-9002 were 1% LA. Final confirmation samples were either ND or < 1% LA by PLM-9002, with the exception of two samples (1R-30927 and 1R-30960) (refer to Figure 2-2). The result for sample 1R-30927 was 2% LA at the final excavation depth of 4 inches bgs. The final depth of 12 inches could not be reached due to the steep embankment at this portion of the Flyway ROW. Sample 1R-30960 was collected at the depth of 12 inches bgs from the footprint of the stockpile that had been removed and contained 3% LA. At the direction of EPA this area was not excavated deeper in order to meet the remediation criteria. Table 2-28 summarizes the samples collected during this removal activity.

The extent of excavation resulting from removal work conducted by EPA at the Flyway ROW in 2005 is depicted on Figure 1-5. Final confirmation soil sampling results (i.e., the final sample collected in each grid or excavation area) are also depicted on Figure 1-5.

Following excavation and confirmation soil sampling, the area was restored in accordance with the work plan (CDM 2005). Restoration consisted of backfilling the site to grade using materials from a local EPA-approved fill source (refer Section 2.2.8), and hydroseeding as required.

2.3 Wise Property

2.3.1 Site Background

The Wise Property, currently privately owned, consists of an approximate 1-acre parcel situated between the former Screening Plant and the Flyway, and bordered by Highway 37 N to the northeast (Figure 1-2). For the purpose of this report, the Wise property includes the Highway 37 N ROW adjacent to the west side of Highway 37 N. A continuum of the Flyway ROW, this ROW is used and maintained by MDOT.

Under W.R. Grace ownership, the Wise property was likely used for vermiculite-mining related activities, such as the storage or staging of equipment and materials. In recent history, portions of the Wise property were used for equipment decontamination during remediation work at the former Screening Plant and the Flyway (the property was vacant and not in use at the time of cleanup activities). The property underwent EPA investigation and remediation as discussed in Section 2.4.4 of this report.

The Wise property is currently vacant, undeveloped land. There are currently no plans to develop the property by the owners.

2.3.2 Investigation Sampling – April 2000

On April 7, 2000, a total of 12 soil samples were collected from suspected vermiculite piles and from native-looking soil at the Wise Property. Samples were collected, handled, and analyzed in accordance with Revision 1 of the Phase 1 SQAPP (EPA 2000a). Sample locations were selected in consultation with an EPA or Volpe Center representative. All samples were collected from 0 to 2 inches bgs, 0 to 6 inches bgs, or 0 to 12 inches, as shown in Table 2-29.

The location and results for the samples collected during this investigation are presented in Figure 2-1. Results from the eight soil samples of the stockpiles analyzed by PLM-9002 indicate detectable concentrations of LA ranging from 2 to 5%. The results of the remaining soil samples collected were < 1% LA. Table 2-29 summarizes the samples collected during this investigation.

2.3.3 Removal Activity – June 2005

Based on visual inspections and the results of pre-removal soil sampling at the Wise Property, EPA determined that site soils required removal. In general, the Final

Removal Action Work Plan Addendum to the Response Action Work Plan for Wise Property and KDC Flyway ROW (CDM 2005) called for soils to be excavated to a depth of 12 inches throughout the entire removal area (Figure 1-5).

A total of 17 confirmation soil samples were collected between June 10 and June 29, 2005. Samples were collected from the surface of the excavation at depths between 2 and 14 inches bgs.

The location and results for the samples collected during this removal activity are presented in Figure 2-1. Results from the soil samples analyzed by PLM-9002 indicate that one sample contains detectable concentrations of < 1% LA. The results of the remaining soil samples collected were ND for LA. Table 2-30 summarizes the samples collected during this investigation.

The extent of excavation resulting from removal work conducted by EPA at the Flyway ROW in 2005 is depicted on Figure 1-5. Final confirmation soil sampling results (i.e., the final sample collected in each grid or excavation area) are also depicted on Figure 1-5.

Following excavation and confirmation soil sampling, the area was restored in accordance with the work plan (CDM 2005). Restoration consisted of backfilling the site to grade using materials from a local EPA-approved fill source (refer Section 2.2.8), and hydroseeding as required.

2.4 Rainy Creek Road Frontages

2.4.1 Site Background

The Rainy Creek Road Frontages, currently privately owned, lies immediately north and south of Rainy Creek Road on the east (i.e., mine) side of Highway 37 N near its intersection with Highway 37 (Figure 1-2). Approximately 45,000 ft^2 of land comprises the north frontage; approximately 39,000 ft^2 comprises the south. For a short period, numerous trees were stored at the south frontage for use during restoration at the former Screening Plant (Section 2.1.15). The Rainy Creek Road Frontages were remediated by EPA in 2005.

The Rainy Creek Road Frontages are currently vacant, undeveloped land. It is anticipated that the property will remain as such.

2.4.2 Investigation – Soil Sampling – May 2003

On May 17, 2003, a total of 16 soil samples and one field duplicate were collected, handled, and analyzed in accordance with Revision 1 of the Phase 1 SQAPP (EPA 2000a), from the Rainy Creek Road Frontages. Ten of the soil samples collected were outside of the defined boundary of the north and south frontage. All samples were collected from a depth of 0 to 6 inches bgs.

The location and results for the samples collected during this investigation are presented in Figure 2-1. Results from the soil samples, analyzed using two techniques

for LA: PLM-VE and PLM-Grav (SRC 2003), indicate that 13 of these samples contained detectable concentrations of LA ranging from trace (TR) to < 1%. The results for the remaining samples were ND for LA. Table 2-31 summarizes the results for the soil samples collected.

2.4.3 Removal Activity – November 2003

In November 2003, a confirmation soil sample was collected from the ditch on the north side of the mine road to provide evidence that decontamination run-off water was not re-contaminating portions of the Rainy Creek Road Frontages. Results from this soil sample collected indicate that the sample contained a detectable concentration of LA at < 1%. Table 2-32 summarizes the result for this soil sample.

2.4.4 Removal Activity – August to October 2004

Between August 10 and October 5, 2004, a total of 28 confirmation soil samples were collected following the excavation of contaminated material from the north and south frontages, as determined by the investigative sampling. All samples were collected from the 0 to 2 inches depth interval.

The location and results for the samples collected during this removal activity are presented in Figure 2-2. Results from the soil samples analyzed by PLM-9002 indicate that 25 of the samples contained detectable concentrations of LA ranging between < 1 and 3%. The results of the remaining soil samples collected were ND for LA. Table 2-33 summarizes the results of samples collected during this removal activity.

2.4.5 Quick Response – August 2006

During a water line repair at the north frontage of Rainy Creek Road along Highway 37, a local contractor reported observing vermiculite while excavating a trench to locate a damaged water line.

On August 9, 2006, the removal contractor with the assistance of EPA located the damaged water line, provided the necessary repairs, and restored the affected area with clean fill. A total of 40 cubic yards of contaminated soil was excavated. On August 10, 2006, all restoration work was completed.

The result from the soil sample analyzed by PLM-9002 indicates that the sample contained a detectable concentration of LA at 1%. Table 2-34 summarizes the sample result for this quick response removal activity.

2.5 Kootenai Bluffs Subdivision

2.5.1 Site Background

The Kootenai Bluffs Subdivision portion of OU2 is located on the west side of the Kootenai River, directly across the river from the former Screening Plant and Flyway (Figure 1-2). The area has been divided into 12 lots: Lots 1 and 2 are privately owned and have been developed; Lots 3 and 4 are vacant and privately owned; KDC owns the remaining eight lots. A paved road (Champion Haul Road) bisects the subdivision and runs roughly 750-feet from and parallel to the Kootenai River.

Underground electrical and telephone lines have been installed to the lots, as access boxes and transformers have been installed along Champion Haul Road. Just to the west of Kootenai Bluffs Subdivision is an active rail line operated by the Burlington Northern Santa Fe (BNSF) Railroad. The railroad tracks are located within a 200-foot wide easement that runs along the eastern portion of the site. Data gap analysis and potential future cleanup along the BNSF rail line will be addressed as part of OU6 activities.

When the vermiculite mine was in operation, a portion of the property was used by W.R. Grace as a conveyor unloading station (Figure 2-3). The sorted vermiculite was received from the Screening Plant via a conveyor constructed across the Kootenai River and loaded onto trucks or railroad cars for distribution to numerous expansion plants throughout the United States. The remainder of the bluffs property historically consisted of undeveloped land that does not appear to have been associated with previous commercial operations of the vermiculite mine.

With the exception of the two developed lots, the Kootenai Bluffs Subdivision is currently vacant land with some electrical improvements. It is expected that the Kootenai Bluffs Subdivision will continue to be developed as residential property.

2.5.2 Investigation Sampling – December 1999

In December 1999, site characterization began at the Kootenai Bluffs Subdivision. A total of 20 soil samples and three field duplicates were collected from the conveyor unloading station at the central portion of the eastern boundary of the Kootenai Bluffs Subdivision. All samples were collected as grab samples from 0 to 2 inches bgs or 2 to 12 inches, as shown in Table 2-35. Samples were collected, handled, and analyzed in accordance with the Phase 1 SQAPP (EPA 1999).

The location and results for the samples collected during this investigation are presented in Figure 2-3. Results from the soil samples analyzed by PLM-9002 indicate that 20 samples contained detectable concentrations of LA ranging from < 1 to 2%. The results of the remaining soil samples collected were ND for LA. Table 2-35 summarizes the samples collected during this investigation.

Also in December 1999, four soil samples (D-00021through D-00024) were collected from a pile/berm adjacent to the main entrance gate at the Kootenai Bluffs Subdivision. The four grab samples were collected from 0 to 2 inches and 2 to 12 inches bgs, as shown in Table 2-35. Samples were collected, handled, and analyzed in accordance with the Phase 1 SQAPP.

The location and results for the samples collected during this investigation are presented in Figure 2-3. Results from the soil samples analyzed by PLM-9002 indicate that all 4 samples contained detectable concentrations of < 1% LA. Table 2-35 summarizes the samples collected during this investigation.

2.5.3 Investigation Sampling – March 2000

On March 9 and 10, 2000, a total of 38 soil samples were collected as part of an investigative sampling program of the Kootenai Bluffs Subdivision building lots (Lot 1 through 10) located east of the Champion Haul Road. Samples were collected, handled, and analyzed in accordance with Revision 1 of the Phase 1 SQAPP (EPA 2000a) and consisted of 25 surface soil samples and 13 sub-surface soil samples.

The location and results for the samples collected during this investigation are presented in Figure 2-3. Results from the soil samples analyzed by PLM-9002 indicate that 19 samples contained detectable concentrations of LA ranging from < 1 to 10%. The results of the remaining soil samples collected were ND for LA. Table 2-36 summarizes the samples collected during this investigation.

2.5.4 Pre-Removal Investigation Sampling – March 2001

Explanatory trenching was conducted on March 27, 2001, to determine the vertical extent of in-place fill material. A total of five soil samples (1-02082 through 1-02086) were collected, handled, and analyzed in accordance with Revision 1 of the Phase 1 SQAPP (EPA 2000a), from 5 test pits located north of the Conveyor Unloading Station. Trenches depths varied from 36 and 112 inches bgs.

The location and results for the samples collected during this investigation are presented in Figure 2-3. Results from all soil samples analyzed by PLM-9002 were ND for LA.

In addition, the two stockpiles located in the north portion of the Kootenai Bluffs Subdivision were investigated in order to estimate the volume of the stock piles for removal activities. On March 30, 1999, a total of 23 soil samples were collected. A total of 17 soil samples were collected from the stock piles at depths between 2 and 28 inches. Six samples from a depth of 0 to 6 inches bgs were collected from the perimeter of the stockpiles. Samples were collected, handled, and analyzed in accordance with the Phase 1 SQAPP (EPA 2000a).

The location and results for the samples collected during this investigation are presented in Figure 2-3. Results from all soil samples collected from the stockpiles analyzed by PLM-9002contain detectable concentrations of LA ranging from < 1 to 10% LA. Results of 4 samples collected around the perimeter of the stockpiles indicated detectable concentrations of LA at < 1%, while the remaining two were ND for LA. Table 2-37 summarizes the samples collected during this investigation.

2.5.5 Investigation Sampling – July 2001

In December 2001, site characterization continued following a gridded approach. A 100-foot by 100-foot grid was developed and the central and southern portion of the Kootenai Bluffs Subdivision was further investigated. Between July 11 and 25, 2001, a total 107 soil samples and seven field duplicates were collected. These surface soil samples were from the 0- to 6-inch bgs depth interval. Samples were collected, handled, and analyzed in accordance with the Phase 1 SQAPP (EPA 2000a).

The location and results for the samples collected during this investigation are presented in Figure 2-3. Results from the soil samples analyzed by PLM-9002 indicate that 43 samples contained detectable concentrations of < 1% LA. The results of the remaining soil samples collected were ND for LA. Table 2-38 summarizes the samples collected during this investigation.

2.5.6 Removal Activity – August to November 2001

Based on visual inspections and the results of pre-removal surface and subsurface soil sampling at the Kootenai Bluffs Subdivision, EPA determined that site soils required removal.

EPA conducted this work between August 9 and November 18, 2001 in accordance with the Final Removal Action Work Plan for the Kootenai Bluff Property (CDM 2001a). In general, the work plan called for soils to be excavated to a depth of 18 inches throughout the removal areas. In accordance with the work plan, additional 6-inch lifts were removed if LA analytical results were found at quantities requiring removal (>1% LA). This iterative process was carried throughout the removal areas, with a maximum excavation depth of 4 feet below original ground surface elevation (Figure 1-6).

A total of 64 confirmation soil samples were collected between September 7 and November 2, 2001. Samples were collected from the floor of the excavation. The location and results for the samples collected during this removal activity are presented in Figure 2-4 (with the exception of seven samples, for which no coordinate data is available; refer Table 2-39). Results from the soil samples analyzed by PLM-9002 indicate that 32 samples contained detectable concentrations ranging from < 1 to 6% LA, however, W.R. Grace was directed to remove soil in additional 6-inch increments until EPA clearance criteria (< 1% LA at depth) for confirmation soil sampling was met in each section of the excavation. The results of the remaining soil samples collected were ND for LA. No analytical data is available for sample 1R-13231. Table 2-39 summarizes the samples collected during this investigation.

The approximate extent of excavation resulting from removal work conducted by EPA at the Kootenai Bluffs Subdivision in 2001 is depicted on Figure 1-6. Final confirmation soil sampling results (i.e., the final sample collected in each grid or excavation area) are also depicted on Figure 1-6.

Following excavation and confirmation soil sampling, the area was restored. Restoration consisted of backfilling the site to grade using structural fill materials from a local EPA-approved fill source (refer Section 2.2.8).

2.5.7 Investigation Sampling –September 2003

Additional sampling was performed from the area around the previous stockpile excavation in the northern portion of the Kootenai Bluffs Subdivision to determine if residual concentrations of LA remained at the site. On September 30, 2003, two soil samples were collected. These subsurface soil samples were collected at depths of 6 and 14 inches bgs, respectively.

The location and results for the samples collected during this investigation are presented in Figure 2-3. The soil samples were analyzed by PLM-9002. Results indicate that one sample contained detectable concentrations of < 1% LA while the other was ND for LA. Table 2-40 summarizes results of samples collected during this investigation.

2.5.8 SQAPP Sampling Activity– July 2005

In the summer of 2005, activity-based sampling (i.e., mowing, raking, child's play scenarios) was conducted at several properties where known concentrations of LA were present. Two locations within the boundary of the Kootenai Bluffs Subdivision were selected as sampling locations.

On June 12 and 14, 2005 activity-based sampling was conducted in an area of the site where previous sample results were ND for LA (1-03269, 1-03273, and 1-03274). Additional soil samples were collected in accordance with the Supplemental RI Quality Assurance Project Plan (SQAPP) (SRC 2005). One soil sample was collected from the area where the mowing scenario was conducted (SQ-00315) and one sample was collected from the scenario area used in child's play and raking (SQ-00316). Results for both soil samples, analyzed by PLM-VE and PLM-Grav (as required), indicated LA was present at trace levels (< 0.2%). The samples stated below are also discussed in the Summary Report for data collected under the Supplemental Remedial Investigation Quality Assurance Project Plan (SRC 2007).

The Summary Report for data collected under the Supplemental Remedial Investigation Quality Assurance Project Plan (SRC 2007) summarizes and evaluates the SQAPP air results. Results for all SQAPP air samples collected in OU2 are presented in Table 2-41.

2.5.9 Investigation Sampling – April 2006

One of the 12 building lots of the Kootenai Bluffs Subdivision was purchased from KDC for residential development. In April 2006, soil sampling within Lot 1 was conducted so that the owner could proceed with building construction. On April 21, 2006, a total of six soil samples and one field duplicate were collected from Lot 1 located in the center of the Kootenai Bluffs Subdivision. These surface soil samples were from the 0- to 1-inch depth interval.

The location and results for the samples collected during this investigation are presented in Figure 2-3. Results from the soil samples, analyzed using two techniques for LA (PLM-VE and PLM-Grav), indicate that 44 of these samples contained detectable concentrations LA at trace levels (< 0.2%). The results for the remaining samples were ND for LA. Table 2-42 provides a summary of all samples collected during this investigation.

Section 3
Quality Assurance/Quality Control

For work conducted by EPA and its contractors in Libby, quality assurance/quality control (QA/QC) measures include, but are not limited to, the collection of QC samples (such as duplicate samples and field blanks), implementation of a laboratory QA program, review of project reports generated by CDM by an approved CDM QA staff member, and an auditing component to assess the effectiveness of the QA program.

The following sections describe the following QA/QC components implemented for work conducted by EPA and its contractors at OU1: collection of field quality control (QC) samples; changes to procedures in guidance documents; data usability; and achievement of data quality objectives (DQOs).

All QA/QC components for measurement reports required by EPA Region 8 (e.g., precision, accuracy, representativeness, completeness, and comparability) are addressed in the Summary Report for data collected under the Supplemental Remedial Investigation Quality Assurance Project Plan (SRC 2007).

3.1 Field Quality Control Sample Collection

3.1.1 Air and Dust

Two types of air and dust QC samples were collected by sampling personnel: lot blanks and field blanks. Lot blanks are collected to ensure cassettes used for sample collection are acceptable. As such, results for the lot blanks must be below the detection limit for the analytical method in order for cassettes to be put into use. Lot blanks for the Libby site were required to be collected and analyzed at a rate of one lot blank per 50 cassettes; however, this goal rate was established for the Libby site as a whole and therefore lot blank collection rates from OU2 may not be representative of project collection rates. Lot blank data collected in Libby indicate asbestos fiber counts below the detection limit of the analytical method; therefore, air and dust cassettes were deemed usable for sampling at OU2. Libby lot blank data is provided in Appendix B.

Field blanks are indicators of potential sample collection issues or background concentrations of asbestos at a site. Field blanks for air and dust sampling summarized in this report were required to be collected at a frequency of two field blanks per media per work site per day. Field blank data for OU2 indicate asbestos fiber counts below the detection limit of the analytical method. OU2 field blank data is provided in Appendix C.

Overall field QC sample collection frequency and data evaluation for the Libby Superfund Site is presented in the Summary Report for data collected under the Supplemental Remedial Investigation Quality Assurance Project Plan (SRC 2007).

3.1.2 Soil

Field duplicates were collected at OU2 as QC samples. For OU2 investigation and pre-removal soil sampling, one field duplicate per 20 field samples was required to be collected; however, this goal rate was established for the Libby site as a whole and therefore duplicate soil sample rates from OU2 may not be representative of project collection rates. Soil duplicate sample collection frequency and data evaluation for the Libby Superfund Site is presented in the Summary Report for data collected under the Supplemental Remedial Investigation Quality Assurance Project Plan (SRC 2007). To date, field QC samples for confirmation soil sampling is not required at the Libby Superfund Site.

3.2 Modifications to Governing Documents

Modifications to the governing documents listed below were approved by EPA and Volpe Center technical representatives and implemented by field staff during activities at OU2. Signed modification forms and supporting documentation for the Phase 1 SQAPP and Removal Action SAP is located on CDM's e-room at https://team.cdm.com/eRoom/R8-RAC/Libby/0_4c29.

Phase 1 SQAPP, Revision 0 (EPA 1999)
No deviations to procedures outlined in this document were noted.

Phase 1 SQAPP, Revision 1 (EPA 2000a)

- Effective August 29, 2001: To decontaminate air and dust sampling equipment, locally available filtered water will be used rather than deionized water.
- Effective August 30, 2001: On field sample data sheets, separate 10-digit and 6-digit sample identifiers (IDs) will not be used to label samples; rather, only the 6-digit (e.g., 1-XXXXX) ID will be used.
- Effective December 4, 2001: Rotometer calibration will be conducted once per month rather than once per week as stated in standard operating procedure (SOP) EPA-Libby-01, Revision 1.
- Effective December 4, 2001: Since the procedure for completing field sample data sheets (SOP ISSI-Libby-04) was omitted from the guidance document, field sample data sheets will be completed using examples prepared and maintained on-site by the field manager.
- Effective December 10, 2001: EPA-approved chain-of-custody (COC) forms specific to asbestos sampling will be used rather than the standard COC form provided in the SOP for sample custody and handling (CDM SOP 1-2).
- Effective December 10, 2001: Sample labels will only contain the sample ID number rather than detailed information (e.g., sample date, sample time, etc.).
- Effective December 10, 2001: Soil samples will not be collected in pans, trays, or bowls as required by CDM SOP 1-3 (Surface Soil Sampling); rather, material will be

placed directly into plastic zip-top bags and homogenized. Core samplers or bulb planters will be used when necessary to collect subsamples of approximately equal volume. In addition, ice will not be used for packaging.

- Effective December 10, 2001: As stated in CDM SOP 2-1 (Packaging and Shipping of Environmental Samples), asbestos samples (all media) will not be packaged for handling or shipment using vermiculite or ice.

- Effective December 10, 2001: Locally available deionized water will be used to decontaminate sampling implements and equipment (e.g., air sampling pumps, trowels, bulb planters, etc.) rather than deionized water, as stated in CDM's SOP for Field Equipment Decontamination at Nonradioactive Sites (CDM SOP 4-5). In addition, waste water will be disposed of onsite and not captured.

- Effective December 10, 2001: Dust samples will be collected over three 100-square centimeter (cm^2) areas rather than a single 100-cm^2 area as called for by the American Society for Testing and Materials method D5755-95.

Removal Action SAP, Revision 1 (EPA 2000b)

- Effective December 4, 2001: Rotometer calibration will be conducted once per month rather than once per week as stated in SOP EPA-Libby-01, Revision 1.

- Effective December 10, 2001: Meteorological station data will only be collected at critical removal actions, as deemed by the government.

Screening Facility Removal Action Work Plan

- Contaminated soil from the former Screening Plant was to be removed to a depth of 18 inches bgs. During removal activities and a test pit investigation, it was determined that contamination extended beyond the anticipated 18 inches bgs; therefore, as directed by the EPA, a minimum of 4 feet bgs was excavated from the former Screening Plant, north of Rainy Creek.

Final Removal Action Work Plan Addendum to the Response Action Work Plan for Wise Property and KDC Flyway Right-of-Way (CDM 2005)

- Soil sample results of the Pre-removal investigation at the Flyway ROW on June 1, 2005 dictated that the flat portion of grid R07 (west half of the grid) would be excavated to the design depth of 1 foot bgs. All remaining southern Flyway ROW grids would be scraped to a depth of 4 inches bgs.

- During this same sampling activity, CDM personnel observed a stockpile in the KDC Flyway ROW containing gross amounts of Libby vermiculite. This stockpile was not included in the RAWP Addendum scope of work. Volpe's removal contractor agreed to remove this 1,000 ft^2 area without necessitating a modification to the RAWP Addendum. The stockpile footprint was excavated to a depth of 1 foot bgs.

Removal Action Work Plan Addendum 2 for Flyway Property (CDM 2003b)

- Deviant from the Flyway Property work plan (CDM 2001b) remediation criteria were met if the confirmation soil samples were ND for LA and no visible vermiculite was observed at a depth of 12 inches bgs. An additional 6-inch lift had to be removed if these removal criteria were not met. Starting with the removal depth of 18 inches the remediation criteria for confirmation soil samples were 1% LA and no visible vermiculite. Additional 6-inch lifts had to be removed if these removal criteria were not met. This iterative process was carried throughout the site, with a maximum excavation depth of 4 feet below original ground surface elevation.

3.3 Data Usability

Data collected at OU2 were evaluated by the EPA (for emergency response data) or government-contracted staff in consultation with EPA or Volpe Center representatives. Data was not validated past that which is required by the analytical laboratories' QA/QC program. It is assumed that the raw data were useable for their intended purposes.

3.4 Unaccounted Sample Data

The following 21 soil samples were collected at the Kootenai Bluffs Subdivision between October 2 and 13, 2001 during removal Activities (refer Section 2.5.6):

- 1R-10009 through 1R-10012
- 1R-10016 through 1R-12231
- 1R-12222
- 1R-12232

The samples are listed in the oversight field logbook documenting the removal, but no data is available in Libby2. It is assumed that these samples were archived, or deemed to be not needed by the onsite government representative or field sampling personnel and therefore properly disposed.

3.5 Achievement of Data Quality Objectives

Each guidance document referenced in this report describes the DQOs identified for each data collection activity conducted at OU2 or the Libby Superfund Site as a whole. Data collected under the 1999 or 2000 Phase 1 SQAPPs are under review by the EPA project team as part of the human health risk assessment; however, the general Phase 1 objectives were met. All other work plan-specific DQOs were met. It should be noted that significant changes in soil and dust sampling approach and inspection protocols for visible vermiculite have recently been implemented at the Libby Superfund Site. Therefore, data previously collected at OU2 may not be sufficient for determining data gaps or cleanup decisions. A comprehensive site

inspection, as well as soil and dust sampling using the new site protocols, may be necessary.

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Section 4
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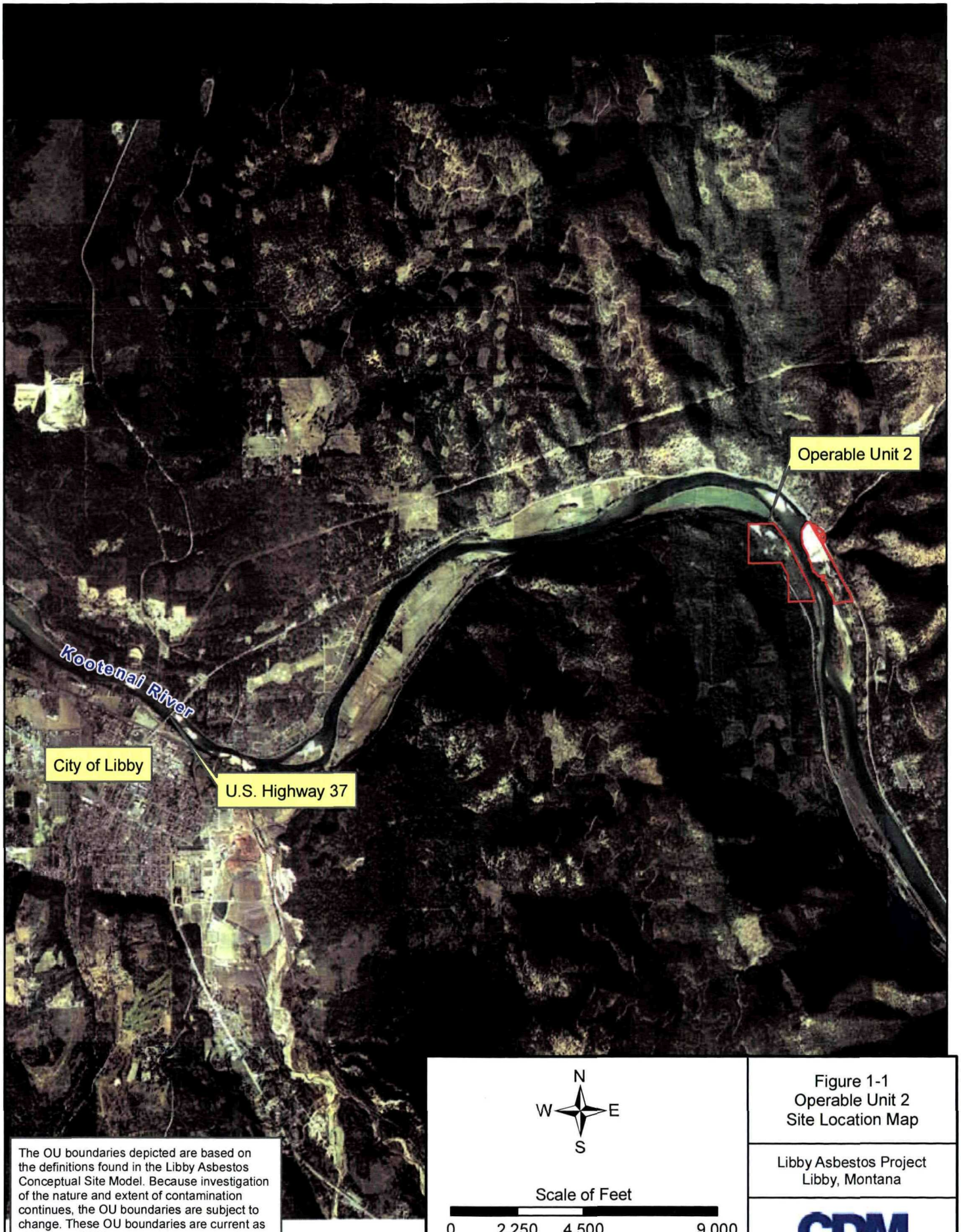

The OU boundaries depicted are based on the definitions found in the Libby Asbestos Conceptual Site Model. Because investigation of the nature and extent of contamination continues, the OU boundaries are subject to change. These OU boundaries are current as of January 2008.

N
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Scale of Feet

0 2,250 4,500 9,000

Figure 1-1
Operable Unit 2
Site Location Map

Libby Asbestos Project
Libby, Montana

CDM

Document: P:\2616-Libby\Task Order 0006 - RI.FS Support\Processing Areas\OU2 - Former Screening Plant, Bluffs\Data Summary Report\Draft\Figures\Figure1-1_Site_Location_Map.mxd

Legend

- OU 2 Boundary
- 1- Former Screening Plant
- 2 - Rainy Creek/Rainy Creek Bank
- 3 - Flyway
- 4 - Wise Property
- 5 - Rainy Creek Road (Frontage)
- 6 - Kootenai Bluffs Subdivision

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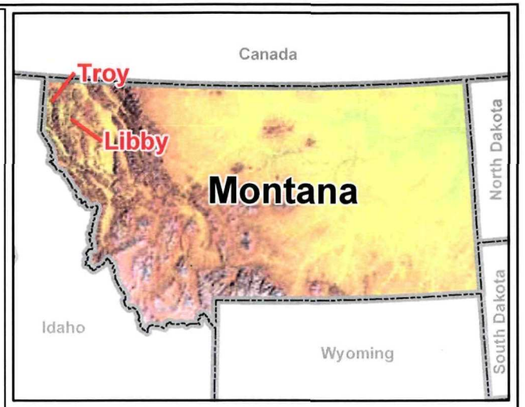
Feet
0 250 500 1,000

Figure 1-2
Operable Unit 2
Site Map

Libby Asbestos Site
Lincoln County, Montana

CDM

Document: P:\2616-Libby\Task Order 0006 - RI FS Support\Processing Areas\OU2 - Former Screening Plant, Bluffs\Data Summary Report\DraftFigures\Figure1-2_OU2_SiteMap.mxd



Legend

- OU1 - Former Export Plant
- OU2 - Former Screening Plant, Flyway Property, Highway 37 right-of-way adjacent to the Screeing Plant, and the KDC Bluffs
- OU3 - Mine site area, Kootenai River, Rainy Creek and Rainy Creek Road
- OU4 - Residential, Commercial, Industrial Properties including Schools and Parks
- OU5 - Former Stimson Lumber Mill
- OU6 - BNSF Railyard, Tracks, and Right -of-way
- OU7 - Troy

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Aerial Phota Data Sources

Libby Color Image Source:
CDM 2002
Flight Dates: 10/14/02 to 10/18/02
Aerials flown by Visual Intelligence Systems, Inc.
1505 Highway 6 South
Houston, TX 77077

Gray Scale DOQ Source:
U.S. Geological Survey Digital Orthophoto Quarter-Quadrangles (DOQQ) 28-Jul-95
Seamless Download (http://seamless.usgs.gov/website/seamless/)
EROS Data Center
USGS EROS Data Center
47914 252nd Street
Sioux Falls
South Dakota
57198-0001

Troy Color Image Source:
National Agriculture Imagery Program (NAIP) 2005
Sales Section
USDA Farm Service Agency
Aerial Photography Field Office
2222 West 2300 South
Salt Lake City UT 84119-2020
Tel: 801-975-3503
Fax: 801-975-3532
Email: apfo.sales@slc.usda.gov
Website: http://www.apfo.usda.gov

Note:
The OU boundaries depicted are based on the definitions found in the Libby Asbestos Conceptual Site Model, Revision 19. Because investigation of the nature and extent of contamination continues, the OU boundaries are subject to change. These OU boundaries are current as of January 2008.

Map Date: 01/21/2008

Figure 1-3

Operable Unit (OU) Boundaries
Libby Asbestos Site
Libby, Montana

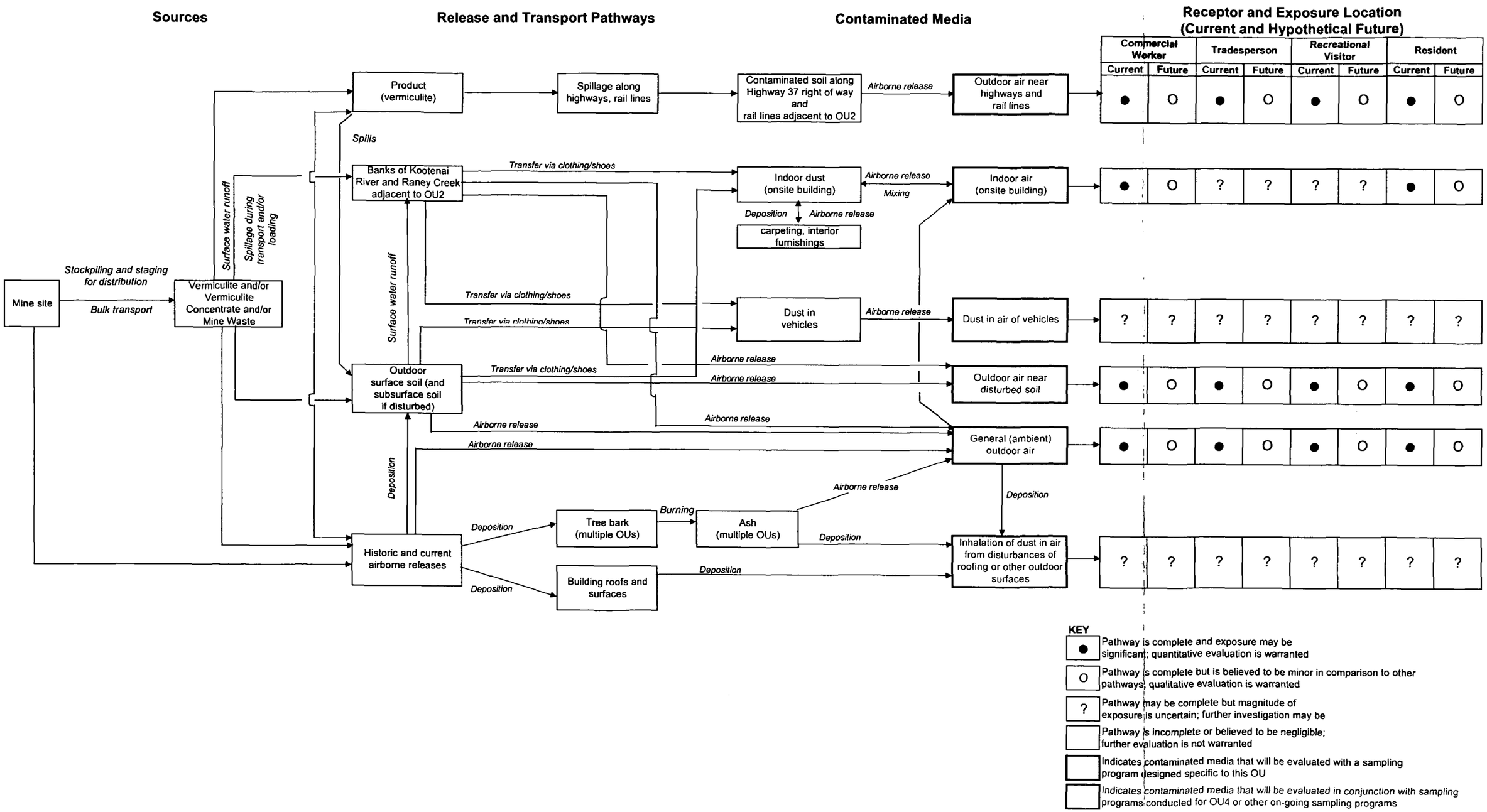
CDM

Document: P:\2616-Libby\Task Order 0006 - RI.FS Support\Processing Areas\OU2 - Former Screening Plant, Bluffs\Data Summary Report\Draft\Figures\Figure1-3_CSS_OUMap_11x17size_OU_v7.mxd

FIGURE 1-4. CONCEPTUAL SITE MODEL FOR INHALATION EXPOSURES TO ASBESTOS

Libby Superfund Site -- Operable Unit 2

(Former Screening Plant, Flyway property, Highway 37 right-of-way adjacent to the former Screening Plant and/or Rainy Creek Road, Wise property, and the Kootenai Development Corporation (KDC) Bluffs)



TARGET SHEET

EPA REGION VIII

SUPERFUND DOCUMENT MANAGEMENT SYSTEM

DOCUMENT NUMBER: 1073561

SITE NAME: LIBBY ASBESTOS

DOCUMENT DATE: 05/08/2008

DOCUMENT NOT SCANNED

Due to one of the following reasons:

- ☐ PHOTOGRAPHS
- ☐ 3-DIMENSIONAL
- ☑ OVERSIZED
- ☐ AUDIO/VISUAL
- ☐ PERMANENTLY BOUND DOCUMENTS
- ☐ POOR LEGIBILITY
- ☐ OTHER
- ☐ NOT AVAILABLE
- ☐ TYPES OF DOCUMENTS NOT TO BE SCANNED
  (Data Packages, Data Validation, Sampling Data, CBI, Chain of Custody)

DOCUMENT DESCRIPTION:

FIGURE 1-5 LOCATION AND DEPTH OF RESIDUAL CONTAMINATION AT OU 2 - EAST PORTION BASED ON INVESTIGATION ACTIVITIES AND REMOVAL-RELATED CONFIRMATION SOIL SAMPLING

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DOCUMENT DATE: 05/08/2008

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- ☐ PERMANENTLY BOUND DOCUMENTS
- ☐ POOR LEGIBILITY
- ☐ OTHER
- ☐ NOT AVAILABLE
- ☐ TYPES OF DOCUMENTS NOT TO BE SCANNED
  (Data Packages, Data Validation, Sampling Data, CBI, Chain of Custody)

DOCUMENT DESCRIPTION:

FIGURE 1-6 LOCATION AND DEPTH OF RESIDUAL CONTAMINATION AT OU 2 - WEST PORTION BASED ON INVESTIGATION ACTIVITIES AND REMOVAL-RELATED CONFIRMATION SOIL SAMPLING

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DOCUMENT DATE: 05/08/2008

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- ☐ 3-DIMENSIONAL
- ☑ OVERSIZED
- ☐ AUDIO/VISUAL
- ☐ PERMANENTLY BOUND DOCUMENTS
- ☐ POOR LEGIBILITY
- ☐ OTHER
- ☐ NOT AVAILABLE
- ☐ TYPES OF DOCUMENTS NOT TO BE SCANNED
  (Data Packages, Data Validation, Sampling Data, CBI, Chain of Custody)

DOCUMENT DESCRIPTION:

FIGURE 2-1 RESULTS OF SOIL SAMPLING AND LOCATION OF VERMICULITE NOTED DURING INVESTIGATION AND PRE-REMOVAL ACTIVITIES AT OU 2 - EAST PORTION

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FIGURE 2-2 RESULTS OF SOIL SAMPLING AND LOCATION OF VERMICULITE NOTED DURING REMOVAL ACTIVITIES AT OU 2 - EAST PORTION

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DOCUMENT DESCRIPTION:

FIGURE 2-3 RESULTS OF SOIL SAMPLING AND LOCATION OF VERMICULITE NOTED DURING INVESTIGATION AND PRE-REMOVAL ACTIVITIES AT OU 2

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- ☐ POOR LEGIBILITY
- ☐ OTHER
- ☐ NOT AVAILABLE
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DOCUMENT DESCRIPTION:

FIGURE 2-4 RESULTS OF SOIL SAMPLING AND LOCATION OF VERMICULITE NOTED DURING REMOVAL ACTIVITIES AT OU 2

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Table 2-1. Former Screening Plant Investigation Soil Sample Results – December 1999

Sample ID	Property Group (Location)	Sample Date	Category	Parent ID	Matrix	Sample Group	Location Description (Sub Location)	Top Depth	Bottom Depth	Analytical Results				
										Method	LA Bin	LA (%)	C (%)	
B-00001	5000 Highway 37 N	12/9/1999	Field Sample		Surface soil	Railroad Loading Station	Soil	0	24	PLM-9002	C		2	ND
B-00002	5000 Highway 37 N	12/9/1999	Field Sample		Surface soil	Railroad Loading Station	Soil	0	12	PLM-9002	C		1	ND
B-00003	5000 Highway 37 N	12/9/1999	Field Sample		Surface soil	Railroad Loading Station	Soil	0	3	PLM-9002	B	<	1	ND
B-00004	5000 Highway 37 N	12/9/1999	Field Sample		Surface soil	Railroad Loading Station	Soil	0	6	PLM-9002	C		2	ND
B-00005	5000 Highway 37 N	12/9/1999	Field Sample		Surface soil	Railroad Loading Station	Soil	0	6	PLM-9002	C		4	ND
B-00006	5000 Highway 37 N	12/9/1999	Field Sample		Surface soil	Railroad Loading Station	Soil	0	3	PLM-9002	C		2	ND
B-00007	5000 Highway 37 N	12/9/1999	Field Sample		Surface soil	Railroad Loading Station	Soil	0	6	PLM-9002	C		2	ND
B-00008	5000 Highway 37 N	12/9/1999	Field Sample		Surface soil	Railroad Loading Station	Soil	0	18	PLM-9002	B	<	1	ND
B-00009	5000 Highway 37 N	12/9/1999	Field Sample		Surface soil	Railroad Loading Station	Soil	0	24	PLM-9002	B	<	1	ND
B-00010	5000 Highway 37 N	12/9/1999	Field Sample		Surface soil	Railroad Loading Station	Soil	0	24	PLM-9002	C		1	ND
B-00011	5000 Highway 37 N	12/9/1999	Field Sample		Surface soil	Railroad Loading Station	Soil	0	18	PLM-9002	B	<	1	ND
B-00012	5000 Highway 37 N	12/9/1999	Field Sample		Fill	Railroad Loading Station	Soil	0	2	PLM-9002	C		2	ND
B-00013	5000 Highway 37 N	12/9/1999	Field Sample		Fill	Railroad Loading Station	Soil	2	12	PLM-9002	C		1	ND
B-00014	5000 Highway 37 N	12/9/1999	Field Sample		Soil	Railroad Loading Station	Soil	0	12	PLM-9002	B	<	1	ND
B-00015	5000 Highway 37 N	12/9/1999	Field Sample		Soil	Railroad Loading Station	Soil	0	2	PLM-9002	B	<	1	ND
B-00016	5000 Highway 37 N	12/9/1999	Field Sample		Soil	Railroad Loading Station	Soil	2	12	PLM-9002	B	<	1	ND
B-00017	5000 Highway 37 N	12/9/1999	Field Sample		Soil	Railroad Loading Station	Soil	0	2	PLM-9002	B	<	1	ND
B-00018	5000 Highway 37 N	12/9/1999	Field Sample		Surface soil	Railroad Loading Station	Soil	0	2	PLM-9002	C		1	ND
B-00019	5000 Highway 37 N	12/9/1999	Field Sample		Surface soil	Railroad Loading Station	Soil	0	2	PLM-9002	A	ND		ND
B-00020	5000 Highway 37 N	12/9/1999	Field Sample		Surface soil	Railroad Loading Station	Soil	0	2	PLM-9002	B	<	1	ND
B-00021	5000 Highway 37 N	12/9/1999	Field Sample		Surface soil	Railroad Loading Station	Soil	0	2	PLM-9002	A	ND		ND
B-00022	5000 Highway 37 N	12/9/1999	Field Sample		Surface soil	Railroad Loading Station	Soil	0	2	PLM-9002	B	<	1	ND
B-00023	5000 Highway 37 N	12/9/1999	Field Sample		Surface soil	Railroad Loading Station	Soil	2	12	PLM-9002	C		2	ND
B-00024	5000 Highway 37 N	12/9/1999	Field Sample		Surface soil	Railroad Loading Station	Soil	0	2	PLM-9002	C		2	ND
B-00025	5000 Highway 37 N	12/9/1999	Field Sample		Surface soil	Railroad Loading Station	Soil	0	2	PLM-9002	B	<	1	ND
B-00026	5000 Highway 37 N	12/9/1999	Field Sample		Surface soil	Railroad Loading Station	Soil	0	2	PLM-9002	C		1	ND
B-00027	5000 Highway 37 N	12/9/1999	Field Sample		Surface soil	Railroad Loading Station	Soil	2	12	PLM-9002	B	<	1	ND
B-00028	5000 Highway 37 N	12/9/1999	Field Sample		Surface soil	Railroad Loading Station	Soil	0	2	PLM-9002	C		2	ND
B-00029	5000 Highway 37 N	12/9/1999	Field Sample		Surface soil	Railroad Loading Station	Soil	0	2	PLM-9002	B	<	1	ND
B-00030	5000 Highway 37 N	12/9/1999	Field Sample		Surface soil	Railroad Loading Station	Soil	0	2	PLM-9002	C		2	ND
B-00031	5000 Highway 37 N	12/9/1999	Field Sample		Surface soil	Railroad Loading Station	Soil	2	12	PLM-9002	B	<	1	ND
B-00032	5000 Highway 37 N	12/9/1999	Field Sample		Surface soil	Railroad Loading Station	Soil	0	2	PLM-9002	B	<	1	ND
B-00033	5000 Highway 37 N	12/9/1999	Field Sample		Surface soil	Railroad Loading Station	Soil	0	2	PLM-9002	B	<	1	ND
B-00034	5000 Highway 37 N	12/9/1999	Field Sample		Surface soil	Railroad Loading Station	Soil	0	2	PLM-9002	B	<	1	ND
B-00035	5000 Highway 37 N	12/9/1999	Field Sample		Surface soil	Railroad Loading Station	Soil	0	2	PLM-9002	B	<	1	ND
B-00036	5000 Highway 37 N	12/10/1999	Field Sample		Surface soil	Railroad Loading Station	Soil	0	2	PLM-9002	B	<	1	ND
B-00037	5000 Highway 37 N	12/10/1999	Field Sample		Surface soil	Railroad Loading Station	Soil	2	12	PLM-9002	B	<	1	ND
B-00038	5000 Highway 37 N	12/10/1999	Field Sample		Surface soil	Railroad Loading Station	Soil	0	2	PLM-9002	B	<	1	ND
B-00039	5000 Highway 37 N	12/10/1999	Field Sample		Surface soil	Railroad Loading Station	Soil	0	2	PLM-9002	C		1	ND
B-00040	5000 Highway 37 N	12/10/1999	Field Sample		Surface soil	Railroad Loading Station	Soil	0	2	PLM-9002	B	<	1	ND
B-00041	5000 Highway 37 N	12/10/1999	Field Sample		Surface soil	Railroad Loading Station	Soil	0	2	PLM-9002	B	<	1	ND
B-00042	5000 Highway 37 N	12/10/1999	Field Sample		Surface soil	Railroad Loading Station	Soil	0	2	PLM-9002	B	<	1	ND
B-00043	5000 Highway 37 N	12/10/1999	Field Sample		Surface soil	Railroad Loading Station	Soil	2	12	PLM-9002	B	<	1	ND
B-00044	5000 Highway 37 N	12/10/1999	Field Sample		Surface soil	Railroad Loading Station	Soil	0	2	PLM-9002	C		1	ND
B-00045	5000 Highway 37 N	12/10/1999	Field Sample		Surface soil	Railroad Loading Station	Soil	0	2	PLM-9002	C		1	ND
B-00046	5000 Highway 37 N	12/10/1999	Field Sample		Surface soil	Railroad Loading Station	Soil	0	2	PLM-9002	A	ND		ND
B-00047	5000 Highway 37 N	12/10/1999	Field Sample		Surface soil	Railroad Loading Station	Soil	0	2	PLM-9002	C		2	ND
B-00048	5000 Highway 37 N	12/10/1999	Field Sample		Surface soil	Railroad Loading Station	Soil	0	2	PLM-9002	A	ND		ND
B-00049	5000 Highway 37 N	12/10/1999	Field Sample		Surface soil	Railroad Loading Station	Soil	2	12	PLM-9002	B	<	1	ND
B-00050	5000 Highway 37 N	12/10/1999	Field Sample		Surface soil	Railroad Loading Station	Soil	0	2	PLM-9002	B	<	1	ND
B-00051	5000 Highway 37 N	12/10/1999	Field Sample		Surface soil	Railroad Loading Station	Soil	0	2	PLM-9002	B	<	1	ND
B-00052	5000 Highway 37 N	12/10/1999	Field Sample		Surface soil	Railroad Loading Station	Soil	0	2	PLM-9002	B	<	1	ND
B-00053	5000 Highway 37 N	12/10/1999	Field Sample		Surface soil	Railroad Loading Station	Soil	0	2	PLM-9002	C		2	ND

Table 2-1. Former Screening Plant Investigation Soil Sample Results – December 1999

Sample ID	Property Group (Location)	Sample Date	Category	Parent ID	Matrix	Sample Group	Location Description (Sub Location)	Top Depth	Bottom Depth	Analytical Results			
										Method	LA Bin	LA (%)	C (%)
B-00054	5000 Highway 37 N	12/10/1999	Field Sample		Surface soil	Railroad Loading Station	Soil	0	2	PLM-9002	C	3	ND
B-00055	5000 Highway 37 N	12/10/1999	Field Sample		Surface soil	Railroad Loading Station	Soil	2	12	PLM-9002	C	4	ND
B-00056	5000 Highway 37 N	12/10/1999	Field Sample		Surface soil	Railroad Loading Station	Soil	0	2	PLM-9002	C	1	ND
B-00057	5000 Highway 37 N	12/10/1999	Field Sample		Surface soil	Railroad Loading Station	Soil	0	2	PLM-9002	B	< 1	ND
B-00058	5000 Highway 37 N	12/10/1999	Field Sample		Surface soil	Railroad Loading Station	Soil	0	2	PLM-9002	A	ND	ND
B-00059	5000 Highway 37 N	12/10/1999	Field Sample		Surface soil	Railroad Loading Station	Soil	0	2	PLM-9002	B	< 1	ND
B-00060	5000 Highway 37 N	12/10/1999	Field Sample		Surface soil	Railroad Loading Station	Soil	0	2	PLM-9002	B	< 1	ND
B-00061	5000 Highway 37 N	12/10/1999	Field Sample		Surface soil	Railroad Loading Station	Soil	2	12	PLM-9002	B	< 1	ND
B-00062	5000 Highway 37 N	12/10/1999	Field Sample		Surface soil	Railroad Loading Station	Soil	0	2	PLM-9002	B	< 1	ND
B-00063	5000 Highway 37 N	12/10/1999	Field Sample		Surface soil	Railroad Loading Station	Soil	0	2	PLM-9002	A	ND	ND
B-00064	5000 Highway 37 N	12/10/1999	Field Sample		Surface soil	Railroad Loading Station	Soil	0	2	PLM-9002	B	< 1	ND
B-00065	5000 Highway 37 N	12/10/1999	Field Sample		Surface soil	Railroad Loading Station	Soil	2	12	PLM-9002	A	ND	ND
B-00066	5000 Highway 37 N	12/10/1999	Field Sample		Surface soil	Railroad Loading Station	Soil	0	2	PLM-9002	B	< 1	ND
B-00067	5000 Highway 37 N	12/10/1999	Field Sample		Surface soil	Railroad Loading Station	Soil	0	2	PLM-9002	C	1	ND
B-00068	5000 Highway 37 N	12/10/1999	Field Sample		Surface soil	Railroad Loading Station	Soil	0	2	PLM-9002	A	ND	ND
B-00069	5000 Highway 37 N	12/10/1999	Field Sample		Surface soil	Railroad Loading Station	Soil	0	2	PLM-9002	A	ND	ND
B-00070	5000 Highway 37 N	12/10/1999	Field Sample		Surface soil	Railroad Loading Station	Soil	0	2	PLM-9002	A	ND	ND
B-00071	5000 Highway 37 N	12/10/1999	Field Sample		Surface soil	Railroad Loading Station	Soil	2	12	PLM-9002	A	ND	ND
B-00072	5000 Highway 37 N	12/10/1999	Field Sample		Surface soil	Railroad Loading Station	Soil	0	2	PLM-9002	A	ND	ND
B-00073	5000 Highway 37 N	12/10/1999	Field Sample		Surface soil	Railroad Loading Station	Soil	0	2	PLM-9002	A	ND	ND
B-00074	5000 Highway 37 N	12/10/1999	Field Sample		Surface soil	Railroad Loading Station	Soil	0	2	PLM-9002	A	ND	ND
B-00075	5000 Highway 37 N	12/10/1999	Field Sample		Surface soil	Railroad Loading Station	Soil	0	2	PLM-9002	B	< 1	ND
B-00076	5000 Highway 37 N	12/10/1999	Field Sample		Surface soil	Railroad Loading Station	Soil	0	2	PLM-9002	B	< 1	ND
B-00077	5000 Highway 37 N	12/10/1999	Field Sample		Surface soil	Railroad Loading Station	Soil	2	12	PLM-9002	B	< 1	ND
B-00078	5000 Highway 37 N	12/10/1999	Field Sample		Surface soil	Railroad Loading Station	Soil	0	12	PLM-9002	C	1	ND
B-00079	5000 Highway 37 N	12/10/1999	Field Sample		Surface soil	Railroad Loading Station	Soil	0	2	PLM-9002	B	< 1	ND
B-00080	5000 Highway 37 N	12/10/1999	Field Sample		Surface soil	Railroad Loading Station	Soil	0	2	PLM-9002	A	ND	ND
B-00081	5000 Highway 37 N	12/10/1999	Field Sample		Surface soil	Railroad Loading Station	Soil	0	2	PLM-9002	C	1	ND
B-00082	5000 Highway 37 N	12/10/1999	Field Sample		Surface soil	Railroad Loading Station	Soil	2	12	PLM-9002	B	< 1	ND
B-00083	5000 Highway 37 N	12/10/1999	Field Sample		Surface soil	Railroad Loading Station	Soil	0	2	PLM-9002	A	ND	ND
B-00084	5000 Highway 37 N	12/10/1999	Field Sample		Surface soil	Railroad Loading Station	Soil	0	2	PLM-9002	A	ND	ND
B-00085	5000 Highway 37 N	12/10/1999	Field Sample		Surface soil	Railroad Loading Station	Soil	0	12	PLM-9002	C	2	ND
B-00086	5000 Highway 37 N	12/9/1999	Field Split	B-00002	Surface soil	Railroad Loading Station	Soil	0	12	PLM-9002	B	< 1	ND
B-00087	5000 Highway 37 N	12/10/1999	Field Split	B-00057	Surface soil	Railroad Loading Station	Soil	0	2	PLM-9002	B	< 1	ND
B-00088	5000 Highway 37 N	2/23/2000	Field Split	B-00038	Surface soil	Railroad Loading Station	Soil	0	2	PLM-9002	B	< 1	ND
B-00089	5000 Highway 37 N	12/10/1999	Field Split	B-00054	Surface soil	Railroad Loading Station	Soil	0	2	PLM-9002	C	2	ND
B-00090	5000 Highway 37 N	12/9/1999	Field Split	B-00031	Surface soil	Railroad Loading Station	Soil	2	12	PLM-9002	C	2	ND
B-00091	5000 Highway 37 N	12/10/1999	Field Split	B-00073	Surface soil	Railroad Loading Station	Soil	0	2	PLM-9002	A	ND	ND
B-00092	5000 Highway 37 N	2/23/2000	Field Split	B-00036	Surface soil	Railroad Loading Station	Soil	0	2	PLM-9002	B	< 1	ND
B-00093	5000 Highway 37 N	12/10/1999	Field Split	B-00062	Surface soil	Railroad Loading Station	Soil	0	2	PLM-9002	A	ND	ND
B-00094	5000 Highway 37 N	--	Field Split	B-00053	Soil	Railroad Loading Station	Soil	0	2	PLM-9002	C	4	ND

Notes and Definitions:

The report excludes all lab quality control results, such as those associated with Lab Blanks, Lab Duplicates, Re-Preparation, Re-count Same, Re-count Different, Verified Analysis, etc.

LA = Libby Amphibole

ND = non-detect

% = percent

C = Chrysotile

PLM = polarized light microscopy

PLM-9002 = National Institute for Occupational Safety and Health 9002 method

< = less than

Table 2-2. Former Screening Plant Investigation Soil Sample Results – March 2000

Sample ID	Property Group (Location)	Sample Date	Category	Parent ID	Matrix	Sample Group	Location Description (Sub Location)	Top Depth	Bottom Depth	Analytical Results					
										Method	LA Bin	LA (%)		C (%)	
1-00146	Highway 37 N Government Lot #4	3/8/2000	Field Sample		Surface soil	Property	Soil	0	2	PLM-9002	A	ND		ND	
1-00147	Highway 37 N Government Lot #4	3/8/2000	Field Sample		Surface soil	Property	Soil	2	12	PLM-9002	A	ND		ND	
1-00157	5000 Highway 37 N	3/8/2000	Field Sample		Surface soil	Property	Soil	0	2	PLM-9002	C		1	ND	
1-00158	5000 Highway 37 N	3/8/2000	Field Sample		Surface soil	Property	Soil	2	12	PLM-9002	C		1	ND	
1-00159	5000 Highway 37 N	3/8/2000	Field Sample		Surface soil	Property	Soil	0	2	PLM-9002	C		2	ND	
1-00163	5000 Highway 37 N	3/8/2000	Field Sample		Surface soil	Property	Soil	2	12	PLM-9002	C		2	ND	
1-00164	5000 Highway 37 N	3/8/2000	Field Sample		Surface soil	Property	Soil	0	2	PLM-9002	C		2	ND	
1-00165	5000 Highway 37 N	3/8/2000	Field Sample		Surface soil	Property	Soil	2	12	PLM-9002	C		3	ND	
1-00166	5000 Highway 37 N	3/8/2000	Field Sample		Other	Property		0	2	PLM-9002	B	<	1	ND	
1-00167	5000 Highway 37 N	3/8/2000	Field Sample		Other	Property		2	12	PLM-9002	B	<	1	ND	
1-00168	5000 Highway 37 N	3/8/2000	Field Sample		Surface soil	Property	Soil	0	2	PLM-9002	B	<	1	ND	
1-00169	5000 Highway 37 N	3/8/2000	Field Sample		Surface soil	Property	Soil	0	2	PLM-9002	B	<	1	ND	
1-00170	5000 Highway 37 N	3/8/2000	Field Sample		Surface soil	Property	Soil	0	2	PLM-9002	B	<	1	ND	
1-00171	5000 Highway 37 N	3/8/2000	Field Sample		Surface soil	Property	Soil	0	2	PLM-9002	B	<	1	ND	
1-00172	5000 Highway 37 N	3/8/2000	Field Sample		Surface soil	Property	Soil	0	2	PLM-9002	B	<	1	ND	
1-00173	5000 Highway 37 N	3/8/2000	Field Sample		Surface soil	Property	Soil	2	12	PLM-9002	B	<	1	ND	
1-00174	5000 Highway 37 N	3/8/2000	Field Sample		Surface soil	Property	Soil	0	2	PLM-9002	B	<	1	ND	
1-00175	5000 Highway 37 N	3/8/2000	Field Sample		Surface soil	Property	Soil	0	2	PLM-9002	B	<	1	ND	
1-00176	5000 Highway 37 N	3/8/2000	Field Sample		Surface soil	Property	Soil	2	12	PLM-9002	A	ND		ND	
1-01265	5000 Highway 37 N	3/8/2000	Field Duplicate	1-00165	Surface soil	Property	Soil	2	12	PLM-9002	C		3	ND	
1-01268	5000 Highway 37 N	3/8/2000	Field Duplicate	1-00163	Surface soil	Property	Soil	2	12	PLM-9002	C		5	ND	

Notes and Definitions:
The report excludes all lab quality control results, such as those associated with Lab Blanks, Lab Duplicates, Re-Preparation, Re-count Same, Re-count Different, Verified Analysis, etc.
LA = Libby Amphibole
ND = non-detect
% = percent
C = Chrysotile
PLM = polarized light microscopy
PLM-9002 = National Institute for Occupational Safety and Health 9002 method
< = less than

Table 2-3. Former Screening Plant Investigation Soil Sample Results – July 2000

Sample ID	Property Group (Location)	Sample Date	Category	Parent ID	Matrix	Sample Group	Location Description (Sub Location)	Top Depth	Bottom Depth	Analytical Results					
										Method	LA Bin	LA (%)		C (%)	
1-01661	5000 Highway 37 N	7/13/2000	Field Sample		Surface soil	Railroad Loading Station	Soil	0	2	PLM-9002	C		2	ND	
1-01662	5000 Highway 37 N	7/13/2000	Field Sample		Surface soil	Railroad Loading Station	Soil	2	12	PLM-9002	A	ND		ND	
1-01663	5000 Highway 37 N	7/13/2000	Field Sample		Surface soil	Railroad Loading Station	Soil	0	2	PLM-9002	A	ND		ND	
1-01664	5000 Highway 37 N	7/13/2000	Field Sample		Surface soil	Railroad Loading Station	Soil	2	12	PLM-9002	B	<	1	ND	
1-01665	5000 Highway 37 N	7/14/2000	Field Sample		Surface soil	Railroad Loading Station	Soil	0	2	PLM-9002	B	<	1	ND	
1-01666	5000 Highway 37 N	7/14/2000	Field Sample		Surface soil	Railroad Loading Station	Soil	2	12	PLM-9002	B	<	1	ND	
1-01667	5000 Highway 37 N	7/14/2000	Field Sample		Surface soil	Railroad Loading Station	Soil	0	2	PLM-9002	B	<	1	ND	
1-01668	5000 Highway 37 N	7/14/2000	Field Sample		Surface soil	Railroad Loading Station	Soil	2	12	PLM-9002	B	<	1	ND	
1-01669	5000 Highway 37 N	7/14/2000	Field Sample		Surface soil	Railroad Loading Station	Soil	0	2	PLM-9002	B	<	1	ND	
1-01670	5000 Highway 37 N	7/14/2000	Field Sample		Surface soil	Railroad Loading Station	Soil	2	12	PLM-9002	B	<	1	ND	
1-01671	5000 Highway 37 N	7/14/2000	Field Sample		Surface soil	Railroad Loading Station	Soil	0	2	PLM-9002	B	<	1	ND	
1-01672	5000 Highway 37 N	7/14/2000	Field Sample		Surface soil	Railroad Loading Station	Soil	2	12	PLM-9002	B	<	1	ND	
1-01673	5000 Highway 37 N	7/14/2000	Field Sample		Surface soil	Railroad Loading Station	Soil	0	2	PLM-9002	B	<	1	ND	
1-01674	5000 Highway 37 N	7/14/2000	Field Sample		Surface soil	Railroad Loading Station	Soil	2	12	PLM-9002	A	ND		ND	
1-01675	5000 Highway 37 N	7/14/2000	Field Sample		Surface soil	Railroad Loading Station	Soil	0	2	PLM-9002	A	ND		ND	
1-01676	5000 Highway 37 N	7/14/2000	Field Sample		Surface soil	Railroad Loading Station	Soil	2	12	PLM-9002	B	<	1	ND	
1-01677	5000 Highway 37 N	7/14/2000	Field Sample		Surface soil	Railroad Loading Station	Soil	0	2	PLM-9002	B	<	1	ND	
1-01678	5000 Highway 37 N	7/14/2000	Field Sample		Surface soil	Railroad Loading Station	Soil	2	12	PLM-9002	B	<	1	ND	
1-01679	5000 Highway 37 N	7/14/2000	Field Sample		Surface soil	Railroad Loading Station	Soil	0	2	PLM-9002	A	ND		ND	
1-01680	5000 Highway 37 N	7/14/2000	Field Sample		Surface soil	Railroad Loading Station	Soil	2	12	PLM-9002	A	ND		ND	
1-01681	Highway 37 N (Wise Property)	7/14/2000	Field Sample		Surface soil	Railroad Loading Station	Soil	0	2	PLM-9002	A	ND		ND	
1-01682	Highway 37 N (Wise Property)	7/14/2000	Field Sample		Surface soil	Railroad Loading Station	Soil	2	12	PLM-9002	A	ND		ND	
1-01683	Highway 37 N (Wise Property)	7/14/2000	Field Sample		Surface soil	Railroad Loading Station	Soil	0	2	PLM-9002	A	ND		ND	
1-01684	Highway 37 N (Wise Property)	7/14/2000	Field Sample		Surface soil	Railroad Loading Station	Soil	2	12	PLM-9002	A	ND		ND	
1-01685	Highway 37 N Government Lot #4	7/15/2000	Field Sample		Surface soil	Property	Soil	0	2	PLM-9002	A	ND		ND	
1-01686	Highway 37 N Government Lot #4	7/15/2000	Field Sample		Surface soil	Property	Soil	2	12	PLM-9002	A	ND		ND	
1-01687	Highway 37 N Government Lot #4	7/15/2000	Field Sample		Surface soil	Property	Soil	0	2	PLM-9002	B	<	1	ND	
1-01688	Highway 37 N Government Lot #4	7/15/2000	Field Sample		Surface soil	Property	Soil	2	12	PLM-9002	A	ND		ND	
1-01689	Highway 37 N Government Lot #4	7/15/2000	Field Sample		Surface soil	Property	Soil	0	2	PLM-9002	A	ND		ND	
1-01690	Highway 37 N Government Lot #4	7/15/2000	Field Sample		Surface soil	Property	Soil	2	12	PLM-9002	A	ND		ND	
1-01691	Highway 37 N Government Lot #4	7/15/2000	Field Sample		Surface soil	Property	Soil	0	2	PLM-9002	A	ND		ND	
1-01692	Highway 37 N Government Lot #4	7/15/2000	Field Sample		Surface soil	Property	Soil	2	12	PLM-9002	B	<	1	ND	
1-01693	Highway 37 N Government Lot #4	7/15/2000	Field Sample		Mining waste	Property		0	2	PLM-9002	C		2	ND	
1-01694	Highway 37 N Government Lot #4	7/15/2000	Field Sample		Mining waste	Property		2	12	PLM-9002	C		2	ND	
1-01695	Highway 37 N Government Lot #4	7/15/2000	Field Sample		Mining waste	Property		0	2	PLM-9002	B	<	1	ND	
1-01696	Highway 37 N Government Lot #4	7/15/2000	Field Sample		Mining waste	Property		2	12	PLM-9002	C		2	ND	

Table 2-3. Former Screening Plant Investigation Soil Sample Results – July 2000

Notes and Definitions:
The report excludes all lab quality control results, such as those associated with Lab Blanks, Lab Duplicates, Re-Preparation, Re-count Same, Re-count Different, Verified Analysis, etc.
LA = Libby Amphibole
ND = non-detect
% = percent
C = Chrysotile
PLM = polarized light microscopy
PLM-9002 = National Institute for Occupational Safety and Health 9002 method
< = less than

Table 2-4. Former Screening Plant Investigative Dust Sample Results - March 2000

											Analytical Results (Method ISO10312) (Air = S/cc; Dust = S/cm²)																							
											Libby Amphibole (LA)									Chrysotile (C)								Other Amphibole (OA)							
											Excluded Structures			Structures Detected						Excluded Structures			Structures Detected					Excluded Structures			Structures Detected				
Sample ID	Property Group (Location)	Sample Date	Sample Group	Location Description (Sub Location)	Media Type	Matrix	Category	Vol (air = L) or Area (dust = cm²)	Grid Openings	Filter Status	Aspect Ratio <5:1	Length <0.5 u	Dia-meter >0.5u	Length 0.5 to 5 u	Length 5 to 10 u	Length >10 u	Total Conc. LA	Total Count LA	Aspect Ratio <5:1	Length <0.5 u	Dia- meter >0.5 u	Length 0.5 to 5 u	Length 5 to 10 u	Length >10 u	Total Conc. C	Total Count C	Aspect Ratio <5:1	Length <0.5 u	Dia-meter >0.5 u	Length 0.5 to 5 u	Length 5 to 10 u	Length >10 u	Total Conc. OA	Total Count OA
1-00600	5000 Highway 37 N	3/15/2000	Auto	Reinell boat #MTP49AJU	Dust	Vehicle	Field Sample	100	10		0	0	110 355	424 590	101 902	33,957	670,852	79	0	0	0	8,492	8,492	8,492	25 475	3	0	0	0	0		0	0	0
1-00601	5000 Highway 37 N	3/15/2000	Auto	GREEN LINCOLN CONTINENTAL #50-58556	Dust	Vehicle	Field Sample	100	9		0	0	13 324	113 254	47 177	15,097	188,707	100	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0
1-00602	5000 Highway 37 N	3/15/2000	Auto	Seawind speedboat Southwest corner of building	Dust	Vehicle	Field Sample	100	10		0	0	50 251	120 377	59 443	0	305,705	36	0	0	0	8,492	0	0	8,492	1	0	0	0	0		0	0	0
1-00603	5000 Highway 37 N	3/15/2000	Auto	Smoker craft nagnum 162 - Northeast corner	Dust	Vehicle	Field Sample	100	10		0	0	1 005	5 795	8 492	1,698	16,984	10	0	0	0	6 793	0	0	6 793	4	0	0	0	0		0	0	0
1-00604	5000 Highway 37 N	3/15/2000	Auto	Pontiac Sunrise #5695558A	Dust	Vehicle	Field Sample	100	10		0	0	110 351	326 512	110 353	33 957	594 425	70	0	0	0	8,492	16 984	0	25 475	3	0	0	0	0		0	0	0

Notes and Definitions:

The report excludes all lab quality control results, such as those associated with Lab Blanks, Lab Duplicates Re-Preparation, Re-count Same Re-count Different Voided Analysis, etc

N/A = not applicable

L = liters

cm^2 = square centimeter

S/cc = Structures per cubic centimeter

S/cm^2 = Structures per square centimeter

LA = Libby Amphibole

C = Chrysotile

OA = Other Amphibole

< = less than

u = micron

> = greater than

Table 2-5. Former Screening Plant - Personal Air Samples - July 2000

											ISO Concentration (Air=Structures/cc)/(Dust=Structures/cm²) (Method - ISO 10312)																							
												Libby Amphibole (LA)									Chrysotile (C)									Other Amphibole (OA)							
												Excluded Structures			Structures Detected						Excluded Structures			Structures Detected						Excluded Structures			Structures Detected				
Sample ID	Property Group (Location)	Sample Date	Sample Group	Task	Location Description (Sub Location)	Media Type	Sample Type	Matrix	Category	Vol (Air=L) or Area (Dust=cm²)	Grid Openings	Aspect Ratio < 5:1	Length < 0.5 u	Diameter > 0.5u	Length 0.5 to 5 u	Length 5 to 10 u	Length > 10 u	Total Conc. LA	Total Count LA	Aspect Ratio < 5:1	Length < 0.5 u	Diameter > 0.5u	Length 0.5 to 5 u	Length 5 to 10 u	Length > 10 u	Total Conc. C	Total Count C	Aspect Ratio < 5:1	Length < 0.5 u	Diameter > 0.5u	Length 0.5 to 5 u	Length 5 to 10 u	Length > 10 u	Total Conc. OA	Total Count OA
1R-00379	5000 Highway 37 N	7/22/2000	Property	Dry sweep long shed floor	Shoulder	Air	Personal	Indoor	Field Sample	292	40	0 0051	0	0 0618	0 0721	0 0979	0 0309	0 2678	52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1R-00391	5000 Highway 37 N	7/22/2000	Property	Bagging sacks of mushrooms and soil in tunnels, sweep debris on floor	Shoulder	Air	Personal	Indoor	Field Sample	276	40	0 5554	0	1 1103	0	2 7770	0 5554	4 9986	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Notes and Definitions:

The report excludes all lab quality control results, such as those associated with Lab Blanks, Lab Duplicates, Re-Preparation, Re-count Same, Re-count Different, Verified Analysis, etc

N/A = not applicable

L = liters

cm2 = square centimeter

S/cc = Structures per cubic centimeter

S/cm2 = Structures per square centimeter

LA = Libby Amphibole

C = Chrysolile

OA = Other Amphibole

< = less than

u = micron

> = greater than

Table 2-6. Former Screening Plant - Test Pit Results - August 2000

Sample ID	Property Group (Location)	Sample Date	Category	Parent ID	Matrix	Sample Group	Location Description (Sub Location)	Top Depth	Bottom Depth	Analytical Results				
										Method	LA Bin	LA (%)	C (%)	
1R-00780	5000 Highway 37 N	8/11/2000	Field Sample		Other	Property		0	2	PLM-9002	C	2	ND	
1R-00813	5000 Highway 37 N	8/12/2000	Field Sample		Other	Property		0	2	PLM-9002	C	2	ND	
1R-01011	5000 Highway 37 N	8/21/2000	Field Sample		Other	Property		12	14	PLM-9002				
1R-01012	5000 Highway 37 N	8/21/2000	Field Sample		Other	Property		24	26	PLM-9002				
1R-01013	5000 Highway 37 N	8/21/2000	Field Sample		Other	Property		36	38	PLM-9002				
1R-01014	5000 Highway 37 N	8/21/2000	Field Sample		Other	Property		48	50	PLM-9002	C	2	ND	
1R-01015	5000 Highway 37 N	8/21/2000	Field Sample		Other	Property		72	74	PLM-9002	C	2	ND	
1R-01016	5000 Highway 37 N	8/21/2000	Field Sample		Other	Property		96	98	PLM-9002	C	2	ND	
1R-01017	5000 Highway 37 N	8/21/2000	Field Sample		Other	Property		72	74	PLM-9002				
1R-01018	5000 Highway 37 N	8/21/2000	Field Sample		Other	Property		84	86	PLM-9002				
1R-01019	5000 Highway 37 N	8/21/2000	Field Sample		Other	Property		96	98	PLM-9002	C	2	ND	
1R-01020	5000 Highway 37 N	8/21/2000	Field Sample		Other	Property		108	110	PLM-9002	A	ND	ND	
1R-01101	5000 Highway 37 N	8/23/2000	Field Sample		Other	Property		72	74	PLM-9002	C	2	ND	
1R-01102	5000 Highway 37 N	8/23/2000	Field Sample		Other	Property		84	86	PLM-9002	C	2	ND	
1R-01103	5000 Highway 37 N	8/23/2000	Field Sample		Other	Property		108	110	PLM-9002	C	2	ND	
1R-01104	5000 Highway 37 N	8/23/2000	Field Sample		Other	Property		132	134	PLM-9002	C	4	ND	
1R-01105	5000 Highway 37 N	8/23/2000	Field Sample		Other	Property		156	158	PLM-9002	C	5	ND	
1R-01106	5000 Highway 37 N	8/23/2000	Field Sample		Other	Property		12	14	PLM-9002	C	2	ND	
1R-01107	5000 Highway 37 N	8/23/2000	Field Sample		Other	Property		24	26	PLM-9002	C	2	ND	
1R-01117	5000 Highway 37 N	8/22/2000	Field Sample		Other	Property		12	14	PLM-9002	A	ND	ND	
1R-01118	5000 Highway 37 N	8/22/2000	Field Sample		Other	Property		24	26	PLM-9002	A	ND	ND	
1R-01119	5000 Highway 37 N	8/22/2000	Field Sample		Other	Property		36	38	PLM-9002	A	ND	ND	
1R-01120	5000 Highway 37 N	8/22/2000	Field Sample		Other	Property		48	50	PLM-9002	B	< 1	ND	
1R-01123	5000 Highway 37 N	8/21/2000	Field Sample		Other	Property		60	62	PLM-9002				
1R-01124	5000 Highway 37 N	8/21/2000	Field Sample		Other	Property		72	74	PLM-9002				
1R-01125	5000 Highway 37 N	8/21/2000	Field Sample		Other	Property		84	86	PLM-9002				
1R-01126	5000 Highway 37 N	8/21/2000	Field Sample		Other	Property		96	98	PLM-9002	C	2	ND	
1R-01127	5000 Highway 37 N	8/21/2000	Field Sample		Other	Property		120	122	PLM-9002	C	2	ND	
1R-01129	5000 Highway 37 N	8/21/2000	Field Sample		Other	Property		48	50	PLM-9002				
1R-01130	5000 Highway 37 N	8/21/2000	Field Sample		Other	Property	Soil	60	62	PLM-9002				
1R-01131	5000 Highway 37 N	8/21/2000	Field Sample		Other	Property	Soil	72	74	PLM-9002				
1R-01132	5000 Highway 37 N	8/21/2000	Field Sample		Other	Property	Soil	84	86	PLM-9002	C	2	ND	
1R-01133	5000 Highway 37 N	8/21/2000	Field Sample		Other	Property	Soil	132	134	PLM-9002	C	2	ND	
1R-01134	5000 Highway 37 N	8/21/2000	Field Sample		Other	Property	Soil	156	158	PLM-9002	C	2	ND	
1R-01135	5000 Highway 37 N	8/21/2000	Field Sample		Other	Property		12	14	PLM-9002				
1R-01136	5000 Highway 37 N	8/21/2000	Field Sample		Other	Property		24	26	PLM-9002				
1R-01137	5000 Highway 37 N	8/21/2000	Field Sample		Other	Property		36	38	PLM-9002				
1R-01138	5000 Highway 37 N	8/21/2000	Field Sample		Other	Property		48	50	PLM-9002	C	2	ND	
1R-01139	5000 Highway 37 N	8/21/2000	Field Sample		Other	Property		72	74	PLM-9002	C	2	ND	
1R-01140	5000 Highway 37 N	8/21/2000	Field Sample		Other	Property		96	98	PLM-9002	C	2	ND	
1R-01141	5000 Highway 37 N	8/21/2000	Field Sample		Other	Property		12	14	PLM-9002	C	2	ND	
1R-01142	5000 Highway 37 N	8/21/2000	Field Sample		Other	Property		24	36	PLM-9002	A	ND	ND	
1R-01143	5000 Highway 37 N	8/21/2000	Field Sample		Other	Property		36	38	PLM-9002	A	ND	ND	
1R-01144	5000 Highway 37 N	8/21/2000	Field Sample		Other	Property		48	50	PLM-9002	A	ND	ND	
1R-01145	5000 Highway 37 N	8/21/2000	Field Sample		Other	Property		72	74	PLM-9002				
1R-01146	5000 Highway 37 N	8/21/2000	Field Sample		Other	Property		12	14	PLM-9002	C	2	ND	
1R-01147	5000 Highway 37 N	8/21/2000	Field Sample		Other	Property		24	26	PLM-9002	A	ND	ND	
1R-01148	5000 Highway 37 N	8/21/2000	Field Sample		Other	Property		24	26	PLM-9002				
1R-01149	5000 Highway 37 N	8/21/2000	Field Sample		Other	Property		60	62	PLM-9002	C	2	ND	
1R-01150	5000 Highway 37 N	8/21/2000	Field Sample		Other	Property		98	98	PLM-9002	C	2	ND	
1R-01151	5000 Highway 37 N	8/21/2000	Field Sample		Other	Property		12	14	PLM-9002				
1R-01152	5000 Highway 37 N	8/21/2000	Field Sample		Other	Property		24	26	PLM-9002	C	2	ND	
1R-01153	5000 Highway 37 N	8/21/2000	Field Sample		Other	Property		108	110	PLM-9002	A	ND	ND	

Table 2-7. Former Screening Plant Removal-related Soil Sample Results - August to October 2000

Sample ID	Property Group (Location)	Sample Date	Category	Parent ID	Matrix	Sample Group	Location Description (Sub Location)	Top Depth	Bottom Depth	Analytical Results			
										Method	LA Bin	LA (%)	C (%)
1R-00776	5000 Highway 37 N	8/10/2000	Field Sample		Other	Property		0	2	PLM-9002	A	ND	ND
1R-00777	5000 Highway 37 N	8/10/2000	Field Sample		Other	Property		0	2	PLM-9002	A	ND	ND
1R-00778	5000 Highway 37 N	8/10/2000	Field Sample		Other	Property		0	2	PLM-9002	A	ND	ND
1R-00779	5000 Highway 37 N	8/10/2000	Field Sample		Other	Property		0	2	PLM-9002	B	< 1	ND
1R-00814	5000 Highway 37 N	8/14/2000	Field Sample		Other	Property		0	2	PLM-9002	C	2	ND
1R-00815	5000 Highway 37 N	8/15/2000	Field Sample		Other	Property		24	26	PLM-9002	A	ND	ND
1R-00816	5000 Highway 37 N	8/15/2000	Field Sample		Other	Property		36	38	PLM-9002	A	ND	ND
1R-00817	5000 Highway 37 N	8/16/2000	Field Sample		Other	Property		36	38	PLM-9002	A	ND	ND
1R-00818	5000 Highway 37 N	8/18/2000	Field Sample		Other	Property		36	38	PLM-9002	A	ND	ND
1R-00819	5000 Highway 37 N	8/18/2000	Field Sample		Other	Property		18	20	PLM-9002	A	ND	ND
1R-00820	5000 Highway 37 N	8/18/2000	Field Sample		Other	Property		15	18	PLM-9002	A	ND	ND
1R-01001	5000 Highway 37 N	8/18/2000	Field Sample		Other	Property		36	38	PLM-9002	A	ND	ND
1R-01002	5000 Highway 37 N	8/18/2000	Field Sample		Other	Property		15	17	PLM-9002	A	ND	ND
1R-01003	5000 Highway 37 N	8/18/2000	Field Sample		Other	Property		36	38	PLM-9002	A	ND	ND
1R-01004	5000 Highway 37 N	8/18/2000	Field Sample		Other	Property		36	38	PLM-9002	C	2	ND
1R-01005	5000 Highway 37 N	8/18/2000	Field Sample		Other	Property		0	2	PLM-9002	C	2	ND
1R-01006	5000 Highway 37 N	8/19/2000	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	C	2	ND
1R-01007	5000 Highway 37 N	8/19/2000	Field Sample		Subsurface soil	Property	Soil	12	14	PLM-9002	C	2	ND
1R-01008	5000 Highway 37 N	8/19/2000	Field Sample		Subsurface soil	Property	Soil	12	14	PLM-9002	C	2	ND
1R-01009	5000 Highway 37 N	8/19/2000	Field Sample		Other	Property		36	38	PLM-9002	C	2	ND
1R-01010	5000 Highway 37 N	8/19/2000	Field Sample		Other	Property		36	38	PLM-9002	C	2	ND
1R-01108	5000 Highway 37 N	8/24/2000	Field Sample		Other	Property		30	32	PLM-9002	C	3	ND
1R-01109	5000 Highway 37 N	8/24/2000	Field Sample		Other	Property		30	32	PLM-9002	C	2	ND
1R-01110	5000 Highway 37 N	8/24/2000	Field Sample		Other	Property		48	50	PLM-9002	C	3	ND
1R-01111	5000 Highway 37 N	8/24/2000	Field Sample		Other	Property		48	50	PLM-9002	C	2	ND
1R-01112	5000 Highway 37 N	8/24/2000	Field Sample		Other	Property		24	26	PLM-9002	C	2	ND
1R-01113	5000 Highway 37 N	8/24/2000	Field Sample		Other	Property		24	26	PLM-9002	C	2	ND
1R-01114	5000 Highway 37 N	8/24/2000	Field Sample		Other	Property		24	26	PLM-9002	C	2	ND
1R-01115	5000 Highway 37 N	8/24/2000	Field Sample		Other	Property		24	26	PLM-9002	C	3	ND
1R-01116	5000 Highway 37 N	8/24/2000	Field Sample		Other	Property		24	26	PLM-9002	C	2	ND
1R-01156	5000 Highway 37 N	8/21/2000	Field Sample		Other	Property		18	20	PLM-9002	C	2	ND
1R-01157	5000 Highway 37 N	8/21/2000	Field Sample		Other	Property		18	20	PLM-9002	C	2	ND
1R-01158	5000 Highway 37 N	8/22/2000	Field Sample		Other	Property		48	50	PLM-9002	C	2	ND
1R-01318	5000 Highway 37 N	8/22/2000	Field Sample		Other	Property		0	0	PLM-9002	B	< 1	ND
1R-01319	5000 Highway 37 N	8/22/2000	Field Sample		Other	Property		0	0	PLM-9002	B	< 1	ND
1R-01320	5000 Highway 37 N	8/22/2000	Field Sample		Other	Property		0	0	PLM-9002	B	< 1	ND
1R-01321	5000 Highway 37 N	8/23/2000	Field Sample		Other	Property		0	0	PLM-9002	C	2	ND
1R-01322	5000 Highway 37 N	8/23/2000	Field Sample		Other	Property		0	0	PLM-9002	C	3	ND
1R-01323	5000 Highway 37 N	8/23/2000	Field Sample		Other	Property		0	0	PLM-9002	C	2	ND
1R-01324	5000 Highway 37 N	8/23/2000	Field Sample		Other	Property		0	0	PLM-9002	A	ND	ND
1R-01325	5000 Highway 37 N	8/23/2000	Field Sample		Other	Property		0	0	PLM-9002	C	2	ND
1R-01326	5000 Highway 37 N	8/23/2000	Field Sample		Other	Property		0	0	PLM-9002	C	2	ND
1R-01327	5000 Highway 37 N	8/23/2000	Field Sample		Other	Property		0	0	PLM-9002	C	2	ND
1R-01328	5000 Highway 37 N	8/24/2000	Field Sample		Other	Property		24	26	PLM-9002	C	3	ND
1R-01329	5000 Highway 37 N	8/24/2000	Field Sample		Other	Property		48	50	PLM-9002	C	3	ND
1R-01330	5000 Highway 37 N	8/25/2000	Field Sample		Other	Property		24	26	PLM-9002	C	2	ND
1R-01331	5000 Highway 37 N	8/25/2000	Field Sample		Other	Property		48	50	PLM-9002	C	2	ND
1R-01332	5000 Highway 37 N	8/25/2000	Field Sample		Other	Property		12	14	PLM-9002	C	2	ND
1R-01333	5000 Highway 37 N	8/25/2000	Field Sample		Other	Property		36	38	PLM-9002	C	2	ND
1R-01395	5000 Highway 37 N	8/30/2000	Field Sample		Other	Property		48	50	PLM-9002	C	3	ND
1R-01397	5000 Highway 37 N	8/30/2000	Field Sample		Other	Property		48	50	PLM-9002	C	2	ND
1R-01399	5000 Highway 37 N	8/30/2000	Field Sample		Other	Property		48	50	PLM-9002	C	2	ND
1R-01400	5000 Highway 37 N	8/30/2000	Field Sample		Other	Property		48	50	PLM-9002	C	2	ND

Table 2-7. Former Screening Plant Removal-related Soil Sample Results - August to October 2000

Sample ID	Property Group (Location)	Sample Date	Category	Parent ID	Matrix	Sample Group	Location Description (Sub Location)	Top Depth	Bottom Depth	Analytical Results			
										Method	LA Bin	LA (%)	C (%)
1R-01418	5000 Highway 37 N	8/24/2000	Field Sample		Other	Property		48	50	PLM-9002	C	2	ND
1R-01419	5000 Highway 37 N	8/24/2000	Field Sample		Other	Property		24	26	PLM-9002	C	3	ND
1R-01607	5000 Highway 37 N	9/11/2000	Field Sample		Surface soil	Property	Soil	30	32	PLM-9002	A	ND	ND
1R-01608	5000 Highway 37 N	9/11/2000	Field Sample		Surface soil	Property	Soil	30	32	PLM-9002	A	ND	ND
1R-01609	5000 Highway 37 N	9/11/2000	Field Sample		Surface soil	Property	Soil	30	32	PLM-9002	A	ND	ND
1R-01610	5000 Highway 37 N	9/14/2000	Field Sample		Surface soil	Property	Soil	18	22	PLM-9002	A	ND	ND
1R-01611	5000 Highway 37 N	9/14/2000	Field Sample		Surface soil	Property	Soil	18	22	PLM-9002	C	2	ND
1R-01612	5000 Highway 37 N	9/14/2000	Field Sample		Surface soil	Property	Soil	4	4.3	PLM-9002	C	2	ND
1R-01628	5000 Highway 37 N	9/18/2000	Field Sample		Surface soil	Property	Soil	84	88	PLM-9002	C	2	ND
1R-01629	5000 Highway 37 N	9/18/2000	Field Sample		Surface soil	Property	Soil	120	124	PLM-9002	C	2	ND
1R-01630	5000 Highway 37 N	9/18/2000	Field Sample		Surface soil	Property	Soil	156	160	PLM-9002	C	2	ND
1R-01631	5000 Highway 37 N	9/18/2000	Field Sample		Surface soil	Property	Soil	240	244	PLM-9002	C	2	ND
1R-01632	5000 Highway 37 N	9/18/2000	Field Sample		Surface soil	Property	Soil	168	172	PLM-9002	C	2	ND
1R-01633	5000 Highway 37 N	9/19/2000	Field Sample		Surface soil	Property	Soil	18	22	PLM-9002	A	ND	ND
1R-01634	5000 Highway 37 N	9/19/2000	Field Sample		Surface soil	Property	Soil	18	22	PLM-9002	A	ND	ND
1R-01635	5000 Highway 37 N	9/19/2000	Field Sample		Surface soil	Property	Soil	18	22	PLM-9002	A	ND	ND
1R-01636*	5000 Highway 37 N	9/19/2000	Field Sample		Surface soil	Property	Soil	8	12	PLM-9002	A	ND	ND
1R-01801	5000 Highway 37 N	9/13/2000	Field Sample		Surface soil	Property	Soil	4	4.3	PLM-9002	C	3	ND
1R-01802	5000 Highway 37 N	9/13/2000	Field Sample		Surface soil	Property	Soil	4	4.3	PLM-9002	C	2	ND
1R-01803	5000 Highway 37 N	9/13/2000	Field Sample		Surface soil	Property	Soil	4	4.3	PLM-9002	C	2	ND
1R-01804	5000 Highway 37 N	9/13/2000	Field Sample		Surface soil	Property	Soil	4	4.3	PLM-9002	C	2	ND
1R-01805	5000 Highway 37 N	9/13/2000	Field Sample		Surface soil	Property	Soil	4	4.3	PLM-9002	C	2	ND
1R-01806	5000 Highway 37 N	9/13/2000	Field Sample		Surface soil	Property	Soil	3	3.3	PLM-9002	C	2	ND
1R-01807	5000 Highway 37 N	9/13/2000	Field Sample		Surface soil	Property	Soil	4	4.3	PLM-9002	C	2	ND
1R-01808	5000 Highway 37 N	9/13/2000	Field Sample		Surface soil	Property	Soil	1	1.4	PLM-9002	C	2	ND
1R-01809	5000 Highway 37 N	9/12/2000	Field Sample		Surface soil	Property	Soil	4	4.3	PLM-9002	C	2	ND
1R-01810	5000 Highway 37 N	9/12/2000	Field Sample		Surface soil	Property	Soil	1	1.3	PLM-9002	C	2	ND
1R-01811	5000 Highway 37 N	9/12/2000	Field Sample		Surface soil	Property	Soil	4	4.3	PLM-9002	C	2	ND
1R-01812	5000 Highway 37 N	9/12/2000	Field Sample		Surface soil	Property	Soil	4	4.3	PLM-9002	C	2	ND
1R-01813	5000 Highway 37 N	9/13/2000	Field Sample		Surface soil	Property	Soil	. 4	4.3	PLM-9002	C	2	ND
1R-01814	5000 Highway 37 N	9/12/2000	Field Sample		Surface soil	Property	Soil	4	4.3	PLM-9002	C	2	ND
1R-01815	5000 Highway 37 N	9/13/2000	Field Sample		Surface soil	Property	Soil	4	4.3	PLM-9002	C	2	ND
1R-01816	5000 Highway 37 N	9/13/2000	Field Sample		Surface soil	Property	Soil	4	4.3	PLM-9002	C	2	ND
1R-01817	5000 Highway 37 N	9/13/2000	Field Sample		Surface soil	Property	Soil	4	4.3	PLM-9002	C	2	ND
1R-01818	5000 Highway 37 N	9/13/2000	Field Duplicate	1R-01816	Surface soil	Property	Soil	4	4.3	PLM-9002	C	2	ND
1R-01819	5000 Highway 37 N	9/14/2000	Field Sample		Surface soil	Property	Soil	18	22	PLM-9002	A	ND	ND
1R-01820	5000 Highway 37 N	9/14/2000	Field Sample		Surface soil	Property	Soil	18	22	PLM-9002	C	2	ND
1R-02082	5000 Highway 37 N	9/20/2000	Field Sample		Surface soil	Property	Soil	18	22	PLM-9002	A	ND	ND
1R-02083	5000 Highway 37 N	9/20/2000	Field Sample		Surface soil	Property	Soil	6	10	PLM-9002	A	ND	ND
1R-02084	5000 Highway 37 N	9/20/2000	Field Sample		Surface soil	Property	Soil	18	22	PLM-9002	A	ND	ND
1R-02085	5000 Highway 37 N	9/20/2000	Field Sample		Surface soil	Property	Soil	6	10	PLM-9002	A	ND	ND
1R-02086	5000 Highway 37 N	9/20/2000	Field Sample		Surface soil	Property	Soil	18	22	PLM-9002	A	ND	ND
1R-02087	5000 Highway 37 N	9/20/2000	Field Sample		Surface soil	Property	Soil	6	10	PLM-9002	A	ND	ND
1R-02088	5000 Highway 37 N	9/21/2000	Field Sample		Surface soil	Property	Soil	12	16	PLM-9002	B	< 1	ND
1R-02089	5000 Highway 37 N	9/21/2000	Field Sample		Surface soil	Property	Soil	18	22	PLM-9002	A	ND	ND
1R-02090	5000 Highway 37 N	9/22/2000	Field Sample		Surface soil	Property	Soil	6	10	PLM-9002	C	2	ND
1R-02091	5000 Highway 37 N	9/22/2000	Field Sample		Surface soil	Property	Soil	6	10	PLM-9002	C	2	ND
1R-02092	5000 Highway 37 N	9/22/2000	Field Sample		Surface soil	Property	Soil	6	10	PLM-9002	C	2	ND
1R-02093	5000 Highway 37 N	9/25/2000	Field Sample		Surface soil	Property	Soil	144	148	PLM-9002	B	< 1	ND
1R-02094	5000 Highway 37 N	9/25/2000	Field Sample		Surface soil	Property	Soil	70	74	PLM-9002	C	2	ND
1R-02095	5000 Highway 37 N	9/25/2000	Field Sample		Surface soil	Property	Soil	6	10	PLM-9002	B	< 1	ND
1R-02096	5000 Highway 37 N	9/25/2000	Field Sample		Surface soil	Property	Soil	6	10	PLM-9002	C	3	ND
1R-02097	5000 Highway 37 N	9/25/2000	Field Sample		Surface soil	Property	Soil	216	220	PLM-9002	B	< 1	ND

Table 2-7. Former Screening Plant Removal-related Soil Sample Results - August to October 2000

Sample ID	Property Group (Location)	Sample Date	Category	Parent ID	Matrix	Sample Group	Location Description (Sub Location)	Top Depth	Bottom Depth	Analytical Results					
										Method	LA Bin	LA (%)		C (%)	
1R-02098	5000 Highway 37 N	9/25/2000	Field Sample		Surface soil	Property	Soil	70	240	PLM-9002	C		2	ND	
1R-02099	5000 Highway 37 N	9/25/2000	Field Sample		Surface soil	Property	Soil	6	10	PLM-9002	B	<	1	ND	
1R-02100	5000 Highway 37 N	9/25/2000	Field Sample		Surface soil	Property	Soil	6	10	PLM-9002	A	ND		ND	
1R-02261	5000 Highway 37 N	9/25/2000	Field Sample		Surface soil	Property	Soil	6	10	PLM-9002	A	ND		ND	
1R-02262	5000 Highway 37 N	9/25/2000	Field Sample		Surface soil	Property	Soil	6	10	PLM-9002	A	ND		ND	
1R-02263	5000 Highway 37 N	9/26/2000	Field Sample		Surface soil	Property	Soil	54	58	PLM-9002	C		2	ND	
1R-02264	5000 Highway 37 N	9/26/2000	Field Duplicate	1R-02263	Surface soil	Property	Soil	54	58	PLM-9002	C		2	ND	
1R-02265	5000 Highway 37 N	9/27/2000	Field Sample		Surface soil	Property	Soil	36	40	PLM-9002	B	<	1	ND	
1R-02266	5000 Highway 37 N	9/27/2000	Field Sample		Surface soil	Property	Soil	18	22	PLM-9002	C		6	ND	
1R-02267	5000 Highway 37 N	9/27/2000	Field Duplicate	1R-02266	Soil	Property	Soil	18	22	PLM-9002	C		8	ND	
1R-02268	Highway 37 N (Wise Property)	9/28/2000	Field Sample		Surface soil	Property	Soil	12	16	PLM-9002	A	ND		ND	
1R-02269	5000 Highway 37 N	9/28/2000	Field Sample		Surface soil	Property	Soil	12	16	PLM-9002	A	ND		ND	
1R-02270	Highway 37 N (Wise Property)	9/28/2000	Field Sample		Surface soil	Property	Soil	12	16	PLM-9002	B	<	1	ND	
1R-02271	Highway 37 N (Wise Property)	9/28/2000	Field Duplicate	1R-02270	Surface soil	Property	Soil	12	16	PLM-9002	B	<	1	ND	
1R-02272	5000 Highway 37 N	9/28/2000	Field Sample		Surface soil	Property	Soil	6	10	PLM-9002	B	<	1	ND	
1R-02273	5000 Highway 37 N	9/28/2000	Field Sample		Soil	Property	Soil	12	16	PLM-9002	B	<	1	ND	
1R-02274	5000 Highway 37 N	9/28/2000	Field Duplicate	1R-02273	Surface soil	Property	Soil	12	16	PLM-9002	A	ND		ND	
1R-02275	5000 Highway 37 N	10/2/2000	Field Sample		Surface soil	Property		6	10	PLM-9002	A	ND		ND	
1R-02276	5000 Highway 37 N	10/2/2000	Field Sample		Surface soil	Property		6	10	PLM-9002	A	ND		ND	
1R-02277	5000 Highway 37 N	10/2/2000	Field Sample		Surface soil	Property		6	10	PLM-9002	A	ND		ND	
1R-02278	5000 Highway 37 N	11/6/2000	Field Sample		Surface soil	Property		6	10	PLM-9002	A	ND		ND	
1R-02279	5000 Highway 37 N	10/2/2000	Field Sample		Surface soil	Property		6	10	PLM-9002	A	ND		ND	
1R-02552	5000 Highway 37 N	10/5/2000	Field Sample		Other	Property		6	10	PLM-9002	A	ND		ND	
1R-02553	5000 Highway 37 N	10/5/2000	Field Duplicate	1R-02552	Other	Property		6	10	PLM-9002	A	ND		ND	
1R-02554	5000 Highway 37 N	10/5/2000	Field Sample		Other	Property		6	10	PLM-9002	A	ND		ND	
1R-02555	5000 Highway 37 N	10/5/2000	Field Duplicate	1R-02554	Other	Property		6	10	PLM-9002	A	ND		ND	
1R-02556	5000 Highway 37 N	10/5/2000	Field Sample		Other	Property		6	10	PLM-9002	A	ND		ND	
1R-02558	Highway 37 N (Wise Property)	10/5/2000	Field Sample		Other	Property		6	10	PLM-9002	A	ND		ND	
1R-02559	KDC Flyway	10/5/2000	Field Sample		Other	Property		6	10	PLM-9002	A	ND		ND	
1R-02561	Highway 37 N (Wise Property)	10/5/2000	Field Sample		Other	Property		6	10	PLM-9002	A	ND		ND	
1R-02563	KDC Flyway	10/5/2000	Field Sample		Other	Property		6	10	PLM-9002	A	ND		ND	
1R-02574	5000 Highway 37 N	10/5/2000	Field Sample		Other	Property		48	52	PLM-9002	C		2	ND	
1R-02575	5000 Highway 37 N	10/5/2000	Field Sample		Other	Property		48	52	PLM-9002	C		2	ND	
1R-02576	5000 Highway 37 N	10/5/2000	Field Sample		Other	Property		48	52	PLM-9002	C		2	ND	
1R-02577	5000 Highway 37 N	10/5/2000	Field Sample		Other	Property		48	52	PLM-9002	C		2	ND	
1R-02578	5000 Highway 37 N	10/5/2000	Field Sample		Other	Property		48	52	PLM-9002	C		2	ND	
1R-02579	5000 Highway 37 N	10/5/2000	Field Sample		Other	Property		48	52	PLM-9002	C		2	ND	
1R-02580	5000 Highway 37 N	10/5/2000	Field Sample		Surface soil	Property	Soil	48	52	PLM-9002	C		2	ND	
1R-02581	5000 Highway 37 N	10/5/2000	Field Sample		Surface soil	Property	Soil	48	52	PLM-9002	C		2	ND	
1R-02582*	5000 Highway 37 N	10/5/2000	Field Sample		Surface soil	Property	Soil	48	52	PLM-9002	C		2	ND	
1R-02583	5000 Highway 37 N	10/5/2000	Field Sample		Surface soil	Property	Soil	48	52	PLM-9002	C		2	ND	
1R-02595	5000 Highway 37 N	10/6/2000	Field Sample		Surface soil	Property	Soil	24	28	PLM-9002	C		2	ND	
1R-02596	5000 Highway 37 N	10/6/2000	Field Sample		Surface soil	Property	Soil	24	28	PLM-9002	C		2	ND	
1R-02597	5000 Highway 37 N	10/6/2000	Field Sample		Surface soil	Property	Soil	24	28	PLM-9002	C		2	ND	

Table 2-7. Former Screening Plant Removal-related Soil Sample Results - August to October 2000

Sample ID	Property Group (Location)	Sample Date	Category	Parent ID	Matrix	Sample Group	Location Description (Sub Location)	Top Depth	Bottom Depth	Analytical Results			
										Method	LA Bin	LA (%)	C (%)

Notes and Definitions:

The report excludes all lab quality control results, such as those associated with Lab Blanks, Lab Duplicates, Re-Preparation, Re-count Same, Re-count Different, Verified Analysis, etc.

LA = Libby Amphibole

ND = non-detect

% = percent

C = Chrysotile

PLM = polarized light microscopy

PLM-9002 = National Institute for Occupational Safety and Health 9002 method

< = less than

* = Coordinate data *are not available for these samples; therefore,* sample locations are not presented graphically in this report.

Table 2-8. Source Fill Material Results - October 2000 through June 2003.

Sample ID	Property Group (Location)	Sample Date	Category	Parent ID	Matrix	Sample Group	Location Description (Sub Location)	Top Depth (inches)	Bottom Depth (inches)	Analytical Results			
										Method	LA Bin	LA (%)	C (%)
1R-02771	5000 Highway 37 N	10/26/2000	Field Sample		Surface soil	Property		999	999	PLM-9002	A	ND	ND
1R-02768	5000 Highway 37 N	11/5/2000	Field Sample		Surface soil	Property	Soil	999	999	PLM-9002	A	ND	ND
1R-02776	5000 Highway 37 N	11/6/2000	Field Sample		Surface soil	Property		0	0	PLM-9002	A	ND	ND
1R-11561	5000 Highway 37 N	10/5/2001	Field Sample		Other	Property	Ag. fill	0	0	PLM-9002	A	ND	ND
1R-11562	5000 Highway 37 N	10/5/2001	Field Sample		Other	Property	Ag. fill	0	0	PLM-9002	A	ND	ND
1R-11563	5000 Highway 37 N	10/5/2001	Field Sample		Other	Property	Ag. fill	0	0	PLM-9002	A	ND	ND
1R-11564	5000 Highway 37 N	10/5/2001	Field Sample		Other	Property	Ag. fill	0	0	PLM-9002	A	ND	ND
1R-11566	5000 Highway 37 N	10/5/2001	Field Sample		Other	Property	Ag. fill	0	0	PLM-9002	A	ND	ND
1R-11567	5000 Highway 37 N	10/5/2001	Field Sample		Other	Property	Ag. fill	0	0	PLM-9002	A	ND	ND
1R-11568	5000 Highway 37 N	10/5/2001	Field Sample		Other	Property	Ag. fill	0	0	PLM-9002	A	ND	ND
1R-11569	5000 Highway 37 N	10/5/2001	Field Sample		Other	Property	Ag. fill	0	0	PLM-9002	A	ND	ND
1R-11570	5000 Highway 37 N	10/9/2001	Field Sample		Fill	Property	Ag. fill	0	0	PLM-9002	A	ND	ND
1R-11571	5000 Highway 37 N	10/9/2001	Field Sample		Fill	Property	Ag. fill	0	0	PLM-9002	B	< 1	ND
1R-11572	5000 Highway 37 N	10/10/2001	Field Sample		Fill	Property	Ag. fill	0	0	PLM-9002	B	< 1	ND
1R-11299	5000 Highway 37 N	10/18/2001	Field Sample		Fill	Property	structural fill	0	0	PLM-9002	A	ND	ND
1R-06035	5000 Highway 37 N	10/19/2001	Field Sample		Fill	Property	Subgrade fill	0	0	PLM-9002	A	ND	ND
1R-06037	5000 Highway 37 N	10/19/2001	Field Sample		Fill	Property	subgrade fill	0	0	PLM-9002	A	ND	ND
1R-06038	5000 Highway 37 N	10/23/2001	Field Sample		Fill	Property	30000 yd3 verification	999	999	PLM-9002	A	ND	ND
1R-06040	5000 Highway 37 N	10/23/2001	Field Sample		Fill	Property	32500 verification	999	999	PLM-9002	A	ND	ND
1R-09946	5000 Highway 37 N	10/26/2001	Field Sample		Fill	Property	re rig	0	0	PLM-9002	A	ND	ND
1R-11300	5000 Highway 37 N	10/26/2001	Field Sample		Fill	Property	nixon pit	0	0	PLM-9002	A	ND	ND
1R-12941	5000 Highway 37 N	10/29/2001	Field Sample		Fill	Property	Ag. fill	0	0	PLM-9002	A	ND	ND
1R-12942	5000 Highway 37 N	10/30/2001	Field Sample		Fill	Property	re-rig	0	0	PLM-9002	A	ND	ND
1R-09951	5000 Highway 37 N	10/31/2001	Field Sample		Fill	Property	noble structural 2	0	0	PLM-9002	A	ND	ND
1R-09953	5000 Highway 37 N	11/1/2001	Field Sample		Fill	Property	noble structural pit #2	0	4	PLM-9002	A	ND	ND
1R-11306	5000 Highway 37 N	11/2/2001	Field Sample		Fill	Property	noble pit 2 structural re-rig	0	0	PLM-9002	A	ND	ND
1R-13441	5000 Highway 37 N	11/5/2001	Field Sample		Fill	Property	re rig	0	0	PLM-9002	A	ND	ND
1R-13442	5000 Highway 37 N	11/5/2001	Field Sample		Fill	Property	re rig	0	0	PLM-9002	A	ND	ND
1R-13452	5000 Highway 37 N	11/7/2001	Field Sample		Fill	Property	re-rig dam	0	0	PLM-9002	A	ND	ND
1R-13459	5000 Highway 37 N	11/8/2001	Field Sample		Fill	Property	birk pit (plum creek)	0	0	PLM-9002	A	ND	ND
1R-13461	5000 Highway 37 N	11/9/2001	Field Sample		Driveway	Property	birk pit (plum creek)	0	0	PLM-9002	A	ND	ND
1R-13462	5000 Highway 37 N	11/10/2001	Field Sample		Fill	Property	fill pit (nixon)	0	0	PLM-9002	A	ND	ND
1R-13463	5000 Highway 37 N	11/13/2001	Field Sample		Fill	Property	Plum Creek	0	0	PLM-9002	A	ND	ND
1R-13464	5000 Highway 37 N	11/14/2001	Field Sample		Fill	Property	Ag. fill	0	0	PLM-9002	A	ND	ND
1R-13465	5000 Highway 37 N	11/16/2001	Field Sample		Fill	Property	Ag. fill	0	0	PLM-9002	A	ND	ND
1R-13466	5000 Highway 37 N	11/16/2001	Field Sample		Fill	Property	Ag. fill	0	0	PLM-9002	A	ND	ND
1R-13467	5000 Highway 37 N	11/19/2001	Field Sample		Fill	Property	Ag. fill	0	0	PLM-9002	A	ND	ND
1R-13468	5000 Highway 37 N	11/19/2001	Field Sample		Fill	Property	structural fill	0	0	PLM-9002	A	ND	ND
1R-13469	5000 Highway 37 N	11/27/2001	Field Sample		Fill	Property		999	999	PLM-9002	A	ND	ND
1R-20781	KDC Flyway	6/6/2003	Field Sample		Fill	Barrow Source	NW corner of Flyway stock pile	0	4	PLM-9002	A	ND	ND

Notes and Definitions:

The report excludes all lab quality control results, such as those associated with Lab Blanks, Lab Duplicates, Re-Preparation, Re-count Same, Re-count Different, Verified Analysis, etc.

B suffix in Sample ID = non-processed sample

LA = Libby Amphibole

ND = non-detect

% = percent

C = Chrysotile

PLM = polarized light microscopy

PLM-9002 = National Institute for Occupational Safety and Health 9002 method

< = less than

Table 2-9. Former Screening Plant Investigation Soil Sample Results – March 2001

Sample ID	Property Group (Location)	Sample Date	Category	Parent ID	Matrix	Sample Group	Location Description (Sub Location)	Top Depth	Bottom Depth	Analytical Results			
										Method	LA Bin	LA (%)	C (%)
1-02093*	5000 Highway 37 N	3/28/2001	Field Sample		Surface soil	Property	Driveway	12	24	PLM-9002	B	< 1	ND
1-02094*	5000 Highway 37 N	3/28/2001	Field Sample		Surface soil	Property	Driveway	6	12	PLM-9002	B	< 1	ND
1-02095*	5000 Highway 37 N	3/28/2001	Field Sample		Surface soil	Property	Driveway	6	18	PLM-9002	B	< 1	ND
1-02096*	5000 Highway 37 N	3/28/2001	Field Sample		Surface soil	Property	Driveway	18	30	PLM-9002	B	< 1	ND

Notes and Definitions:
The report excludes all lab quality control results, such as those associated with Lab Blanks, Lab Duplicates, Re-Preparation, Re-count Same, Re-count Different, Verified Analysis, etc.
LA = Libby Amphibole
ND = non-detect
% = percent
C = Chrysotile
PLM = polarized light microscopy
PLM-9002 = National Institute for Occupational Safety and Health 9002 method
< = less than
* = Coordinate data are not available for these samples; therefore, sample locations are not presented graphically in this report.

Table 2-10. Former Screening Plant Investigation Soil Sample Results – April and May 2001

Sample ID	Property Group (Location)	Sample Date	Category	Parent ID	Matrix	Sample Group	Location Description (Sub Location)	Top Depth	Bottom Depth	Analytical Results			
										Method	LA Bin	LA (%)	C (%)
1-02151	5000 Highway 37 N	4/4/2001	Field Sample		Surface soil	Kootenai River Bank	Soil	0	6	PLM-9002	B	< 1	ND
1-02151-FG	5000 Highway 37 N	4/4/2001	Field Sample		Surface soil	Kootenai River Bank	Soil	0	6	PLM-VE	A	ND	ND
1-02152	5000 Highway 37 N	4/4/2001	Field Sample		Surface soil	Kootenai River Bank	Soil	0	6	PLM-9002	B	< 1	ND
1-02152-FG	5000 Highway 37 N	4/4/2001	Field Sample		Surface soil	Kootenai River Bank	Soil	0	6	PLM-VE	A	ND	ND
1-02153	5000 Highway 37 N	4/4/2001	Field Sample		Surface soil	Kootenai River Bank	Soil	0	6	PLM-9002	B	< 1	ND
1-02153-FG	5000 Highway 37 N	4/4/2001	Field Sample		Surface soil	Kootenai River Bank	Soil	0	6	PLM-VE	A	ND	ND
1-02154	5000 Highway 37 N	4/4/2001	Field Sample		Surface soil	Kootenai River Bank	Soil	0	6	PLM-9002	B	< 1	ND
1-02154-FG	5000 Highway 37 N	4/4/2001	Field Sample		Surface soil	Kootenai River Bank	Soil	0	6	PLM-VE	B1	TR	ND
1-02155	5000 Highway 37 N	4/4/2001	Field Sample		Surface soil	Kootenai River Bank	Soil	0	6	PLM-9002	A	ND	ND
1-02155-FG	5000 Highway 37 N	4/4/2001	Field Sample		Surface soil	Kootenai River Bank	Soil	0	6	PLM-VE	A	ND	ND
1-02156	5000 Highway 37 N	4/4/2001	Field Sample		Surface soil	Kootenai River Bank	Soil	0	6	PLM-9002	B	< 1	ND
1-02156-FG	5000 Highway 37 N	4/4/2001	Field Sample		Surface soil	Kootenai River Bank	Soil	0	6	PLM-VE	A	ND	ND
1-02157	5000 Highway 37 N	4/4/2001	Field Sample		Surface soil	Kootenai River Bank	Soil	0	6	PLM-9002	B	< 1	ND
1-02157-FG	5000 Highway 37 N	4/4/2001	Field Sample		Surface soil	Kootenai River Bank	Soil	0	6	PLM-VE	B1	TR	ND
1-02158	5000 Highway 37 N	4/4/2001	Field Sample		Surface soil	Kootenai River Bank	Soil	0	6	PLM-9002	B	< 1	ND
1-02158-FG	5000 Highway 37 N	4/4/2001	Field Sample		Surface soil	Kootenai River Bank	Soil	0	6	PLM-VE	B1	TR	ND
1-02159	5000 Highway 37 N	4/4/2001	Field Sample		Surface soil	Kootenai River Bank	Soil	0	6	PLM-9002	B	< 1	ND
1-02159-FG	5000 Highway 37 N	4/4/2001	Field Sample		Surface soil	Kootenai River Bank	Soil	0	6	PLM-VE	B1	TR	ND
1-02160	5000 Highway 37 N	4/4/2001	Field Sample		Surface soil	Kootenai River Bank	Soil	0	6	PLM-9002	B	< 1	ND
1-02160-FG	5000 Highway 37 N	4/4/2001	Field Sample		Surface soil	Kootenai River Bank	Soil	0	6	PLM-VE	B1	TR	ND
1-02161	5000 Highway 37 N	4/4/2001	Field Sample		Surface soil	Kootenai River Bank	Soil	0	6	PLM-9002	B	< 1	ND
1-02161-FG	5000 Highway 37 N	4/4/2001	Field Sample		Surface soil	Kootenai River Bank	Soil	0	6	PLM-VE	C	2	ND
1-02162	5000 Highway 37 N	4/4/2001	Field Sample		Surface soil	Kootenai River Bank	Soil	0	6	PLM-9002	B	< 1	ND
1-02162-FG	5000 Highway 37 N	4/4/2001	Field Sample		Surface soil	Kootenai River Bank	Soil	0	6	PLM-VE	C	3	ND
1-02211	5000 Highway 37 N	5/1/2001	Field Sample		Surface soil	Kootenai River Bank	Soil	0	6	PLM-9002	C	2	ND
1-02211-FG	5000 Highway 37 N	5/1/2001	Field Sample		Surface soil	Kootenai River Bank	Soil	0	6	PLM-VE	B2	< 1	ND
1-02212	5000 Highway 37 N	5/1/2001	Field Sample		Surface soil	Kootenai River Bank	Soil	0	6	PLM-9002	C	2	ND
1-02212-FG	5000 Highway 37 N	5/1/2001	Field Sample		Surface soil	Kootenai River Bank	Soil	0	6	PLM-VE	B2	< 1	ND
1-02213	5000 Highway 37 N	5/1/2001	Field Sample		Surface soil	Kootenai River Bank	Soil	0	6	PLM-9002	C	3	ND
1-02213-FG	5000 Highway 37 N	5/1/2001	Field Sample		Surface soil	Kootenai River Bank	Soil	0	6	PLM-VE	C	3	ND
1-02214	5000 Highway 37 N	5/1/2001	Field Sample		Surface soil	Kootenai River Bank	Soil	0	6	PLM-9002	C	2	ND
1-02214-C	5000 Highway 37 N	5/1/2001	Field Sample		Surface soil	Kootenai River Bank	Soil	0	6	PLM-Grav	C	17.477	ND
1-02214-FG	5000 Highway 37 N	5/1/2001	Field Sample		Surface soil	Kootenai River Bank	Soil	0	6	PLM-VE	B1	TR	ND
1-02295	5000 Highway 37 N	5/1/2001	Field Sample		Surface soil	Kootenai River Bank	Soil	0	6	PLM-9002	B	< 1	ND
1-02295	5000 Highway 37 N	5/1/2001	Field Sample		Surface soil	Kootenai River Bank	Soil	0	6	PLM-9002	C	3	ND
1-02295-C	5000 Highway 37 N	5/1/2001	Field Sample		Surface soil	Kootenai River Bank	Soil	0	6	PLM-Grav	B1	0.005	ND
1-02295-FG1	5000 Highway 37 N	5/1/2001	Field Sample		Surface soil	Kootenai River Bank	Soil	0	6	PLM-VE	C	2	ND
1-02296	5000 Highway 37 N	5/1/2001	Field Sample		Surface soil	Kootenai River Bank	Soil	0	6	PLM-9002	C	2	ND
1-02296-F	5000 Highway 37 N	5/1/2001	Field Sample		Surface soil	Kootenai River Bank	Soil	0	6	PLM-VE	C	1	ND
1-02297	5000 Highway 37 N	5/1/2001	Field Sample		Surface soil	Kootenai River Bank	Soil	0	6	PLM-9002	C	2	ND
1-02297-C	5000 Highway 37 N	5/1/2001	Field Sample		Surface soil	Kootenai River Bank	Soil	0	6	PLM-Grav	A	ND	ND
1-02298	5000 Highway 37 N	5/1/2001	Field Sample		Surface soil	Kootenai River Bank	Soil	0	6	PLM-9002	C	2	ND
1-02298-C	5000 Highway 37 N	5/1/2001	Field Sample		Surface soil	Kootenai River Bank	Soil	0	6	PLM-Grav	A	ND	ND
1-02298-FG1	5000 Highway 37 N	5/1/2001	Field Sample		Surface soil	Kootenai River Bank	Soil	0	6	PLM-VE	B2	< 1	ND
1-02299	5000 Highway 37 N	5/1/2001	Field Sample		Surface soil	Kootenai River Bank	Soil	0	6	PLM-9002	C	3	ND
1-02299-C	5000 Highway 37 N	5/1/2001	Field Sample		Surface soil	Kootenai River Bank	Soil	0	6	PLM-Grav	A	ND	ND
1-02299-FG1	5000 Highway 37 N	5/1/2001	Field Sample		Surface soil	Kootenai River Bank	Soil	0	6	PLM-VE	C	2	ND
1-02300	5000 Highway 37 N	5/1/2001	Field Sample		Surface soil	Kootenai River Bank	Soil	0	6	PLM-9002	B	< 1	ND
1-02300-C	5000 Highway 37 N	5/1/2001	Field Sample		Surface soil	Kootenai River Bank	Soil	0	6	PLM-Grav	A	ND	ND
1-02300-FG1	5000 Highway 37 N	5/1/2001	Field Sample		Surface soil	Kootenai River Bank	Soil	0	6	PLM-VE	C	1	ND
1-02301	5000 Highway 37 N	5/1/2001	Field Sample		Surface soil	Kootenai River Bank	Soil	0	6	PLM-9002	C	2	ND
1-02301-C	5000 Highway 37 N	5/1/2001	Field Sample		Surface soil	Kootenai River Bank	Soil	0	6	PLM-Grav	A	ND	ND
1-02301-FG1	5000 Highway 37 N	5/1/2001	Field Sample		Surface soil	Kootenai River Bank	Soil	0	6	PLM-VE	C	2	ND
1-02302	5000 Highway 37 N	5/1/2001	Field Sample		Surface soil	Kootenai River Bank	Soil	0	6	PLM-9002	B	< 1	ND

Table 2-10. Former Screening Plant Investigation Soil Sample Results – April and May 2001

Sample ID	Property Group (Location)	Sample Date	Category	Parent ID	Matrix	Sample Group	Location Description (Sub Location)	Top Depth	Bottom Depth	Analytical Results			
										Method	LA Bin	LA (%)	C (%)
1-02302-C	5000 Highway 37 N	5/1/2001	Field Sample		Surface soil	Kootenai River Bank	Soil	0	6	PLM-Grav	A	ND	ND
1-02302-FG1	5000 Highway 37 N	5/1/2001	Field Sample		Surface soil	Kootenai River Bank	Soil	0	6	PLM-VE	B2	< 1	ND
1-02303	5000 Highway 37 N	5/1/2001	Field Sample		Surface soil	Kootenai River Bank	Soil	0	6	PLM-9002	B	< 1	ND
1-02303-C	5000 Highway 37 N	5/1/2001	Field Sample		Surface soil	Kootenai River Bank	Soil	0	6	PLM-Grav	A	ND	ND
1-02303-FG1	5000 Highway 37 N	5/1/2001	Field Sample		Surface soil	Kootenai River Bank	Soil	0	6	PLM-VE	B2	< 1	ND
1-02416	Rainy Creek Bank (Lower Reach)	5/15/2001	Field Sample		Surface soil	Rainey Creek Bank	Soil	0	6	PLM-9002	A	ND	ND
1-02417	5000 Highway 37 N	5/15/2001	Field Sample		Surface soil	Rainey Creek Bank	Soil	0	6	PLM-9002	A	ND	ND
1-02418	5000 Highway 37 N	5/15/2001	Field Sample		Surface soil	Rainey Creek Bank	Soil	0	6	PLM-9002	A	ND	ND
1-02419	Rainy Creek Bank (Lower Reach)	5/15/2001	Field Sample		Surface soil	Rainey Creek Bank	Soil	0	6	PLM-9002	B	< 1	ND
1-02420	Rainy Creek Bank (Lower Reach)	5/15/2001	Field Sample		Surface soil	Rainey Creek Bank	Soil	0	6	PLM-9002	B	< 1	ND
1-02421	Rainy Creek Bank (Lower Reach)	5/15/2001	Field Sample		Surface soil	Rainey Creek Bank	Soil	0	6	PLM-9002	B	< 1	ND
1-02422	Rainy Creek Bank (Lower Reach)	5/15/2001	Field Sample		Surface soil	Rainey Creek Bank	Soil	0	6	PLM-9002	A	ND	ND
1-02423	Rainy Creek Bank (Lower Reach)	5/15/2001	Field Sample		Surface soil	Rainey Creek Bank	Soil	0	6	PLM-9002	B	< 1	ND
1-02424	Rainy Creek Bank (Lower Reach)	5/15/2001	Field Sample		Surface soil	Rainey Creek Bank	Soil	0	6	PLM-9002	A	ND	ND
1-02425	Rainy Creek Bank (Lower Reach)	5/15/2001	Field Sample		Surface soil	Rainey Creek Bank	Soil	0	6	PLM-9002	B	< 1	ND
1-02426	Rainy Creek Bank (Lower Reach)	5/15/2001	Field Sample		Surface soil	Rainey Creek Bank	Soil	0	6	PLM-9002	C	3	ND
1-02427	Rainy Creek Bank (Lower Reach)	5/15/2001	Field Sample		Surface soil	Rainey Creek Bank	Soil	0	6	PLM-9002	C	2	ND
1-02428	Rainy Creek Bank (Lower Reach)	5/15/2001	Field Sample		Surface soil	Rainey Creek Bank	Soil	0	6	PLM-9002	C	15	ND
1-02429	Rainy Creek Bank (Lower Reach)	5/15/2001	Field Sample		Surface soil	Rainey Creek Bank	Soil	0	6	PLM-9002	C	2	ND
1-02430	5062 Highway 37 N	5/15/2001	Field Sample		Surface soil	Rainey Creek Bank	Soil	0	6	PLM-9002	C	20	ND
1-02431	5063 Highway 37 N	5/15/2001	Field Sample		Surface soil	Rainey Creek Bank	Soil	0	6	PLM-9002	C	20	ND
1-02432	5064 Highway 37 N	5/15/2001	Field Sample		Surface soil	Rainey Creek Bank	Soil	0	6	PLM-9002	C	3	ND
1-02433	5065 Highway 37 N	5/15/2001	Field Sample		Surface soil	Rainey Creek Bank	Soil	0	6	PLM-9002	C	3	ND
1-02434	5066 Highway 37 N	5/15/2001	Field Sample		Surface soil	Rainey Creek Bank	Soil	0	6	PLM-9002	C	3	ND
1-02435	5067 Highway 37 N	5/15/2001	Field Sample		Surface soil	Rainey Creek Bank	Soil	0	6	PLM-9002	C	3	ND
1-02436	5068 Highway 37 N	5/15/2001	Field Sample		Surface soil	Rainey Creek Bank	Soil	0	6	PLM-9002	C	3	ND
1-02437	5069 Highway 37 N	5/15/2001	Field Sample		Surface soil	Rainey Creek Bank	Soil	0	6	PLM-9002	C	5	ND
1-02438	5070 Highway 37 N	5/15/2001	Field Sample		Surface soil	Rainey Creek Bank	Soil	0	6	PLM-9002	C	5	ND
1-02439	5071 Highway 37 N	5/15/2001	Field Sample		Surface soil	Rainey Creek Bank	Soil	0	6	PLM-9002	C	2	ND
1-02440	5072 Highway 37 N	5/15/2001	Field Sample		Surface soil	Rainey Creek Bank	Soil	0	6	PLM-9002	C	15	ND

Notes and Definitions:

The report excludes all lab quality control results, such as those associated with Lab Blanks, Lab Duplicates, Re-Preparation, Re-count Same, Re-count Different, Verified Analysis, etc.

FG suffix in Sample ID = fine ground sample portion

C suffix in Sample ID = coarse ground sample portion

LA = Libby Amphibole

ND = non-detect

% = percent

C = Chrysotile

PLM = polarized light microscopy

PLM-9002 = National Institute for Occupational Safety and Health 9002 method

PLM-VE = visual estimation method

< = less than

Table 2-11. Former Screening Plant Removal-related Soil Sample Results - August to November 2001

Sample ID	Property Group (Location)	Sample Date	Category	Parent ID	Matrix	Sample Group	Location Description (Sub Location)	Top Depth	Bottom Depth	Analytical Results					
										Method	LA Bin	LA (%)		C (%)	
1R-06028	Rainy Creek (Lower Reach)	8/13/2001	Field Sample		Sediment	Property	Rainy creek catch basin			PLM-9002	C		2	ND	
1R-06029*	5000 Highway 37 N	10/18/2001	Field Sample		Subsurface soil	Property	yard soil	0	6	PLM-9002	A	ND		ND	
1R-06030*	5000 Highway 37 N	10/18/2001	Field Sample		Surface soil	Property	hwy 37	0	6	PLM-9002	B	<	1	ND	
1R-09947*	5000 Highway 37 N	10/31/2001	Field Sample		Surface soil	Property	river bank 500-600	0	4	PLM-9002	A	ND		ND	
1R-09948*	5000 Highway 37 N	10/31/2001	Field Sample		Surface soil	Property	river bank 600-700	0	4	PLM-9002	A	ND		ND	
1R-09949*	5000 Highway 37 N	10/31/2001	Field Sample		Surface soil	Property	700-800	0	4	PLM-9002	A	ND		ND	
1R-09950*	5000 Highway 37 N	10/31/2001	Field Sample		Subsurface soil	Property	river bank 8-900	0	4	PLM-9002	B	<	1	ND	
1R-09952*	5000 Highway 37 N	11/1/2001	Field Sample		Subsurface soil	Property	River bank 900-1000	0	4	PLM-9002	A	ND		ND	
1R-10421	5000 Highway 37 N	9/12/2001	Field Sample		Surface soil	Property	other	0	4	PLM-9002	B	<	1	ND	
1R-10422	5000 Highway 37 N	9/12/2001	Field Sample		Surface soil	Property	other	0	4	PLM-9002	B	<	1	ND	
1R-10423	5000 Highway 37 N	9/12/2001	Field Sample		Surface soil	Property	soil	0	4	PLM-9002	B	<	1	ND	
1R-10424	5000 Highway 37 N	9/12/2001	Field Sample		Surface soil	Property	other	0	4	PLM-9002	A	ND		ND	
1R-10425	5000 Highway 37 N	9/12/2001	Field Sample		Surface soil	Property	other	0	4	PLM-9002	A	ND		ND	
1R-10426	5000 Highway 37 N	9/12/2001	Field Sample		Surface soil	Property	other	0	4	PLM-9002	B	<	1	ND	
1R-10427	5000 Highway 37 N	9/12/2001	Field Sample		Surface soil	Property	soil	0	4	PLM-9002	B	<	1	ND	
1R-10428	5000 Highway 37 N	9/12/2001	Field Sample		Surface soil	Property	soil	0	4	PLM-9002	B	<	1	ND	
1R-10429	5000 Highway 37 N	9/12/2001	Field Sample		Surface soil	Property	soil	0	4	PLM-9002	A	ND		ND	
1R-10430	5000 Highway 37 N	9/12/2001	Field Sample		Surface soil	Property	soil	0	4	PLM-9002	B	<	1	ND	
1R-10431	5000 Highway 37 N	9/12/2001	Field Sample		Surface soil	Property	soil	0	4	PLM-9002	A	ND		ND	
1R-10432	5000 Highway 37 N	9/12/2001	Field Sample		Surface soil	Property	soil	0	4	PLM-9002	A	ND		ND	
1R-10433	5000 Highway 37 N	9/12/2001	Field Sample		Surface soil	Property	soil	0	4	PLM-9002	A	ND		ND	
1R-10434	5000 Highway 37 N	9/12/2001	Field Sample		Surface soil	Property	soil	0	4	PLM-9002	B	<	1	ND	
1R-10435	5000 Highway 37 N	9/12/2001	Field Sample		Surface soil	Property	soil	0	4	PLM-9002	B	<	1	ND	
1R-10534	5000 Highway 37 N	9/27/2001	Field Sample		Surface soil	Property	removal area	0	4	PLM-9002	B	<	1	ND	
1R-10540	5000 Highway 37 N	10/2/2001	Field Sample		Surface soil	Property	Screen plant	0	2	PLM-9002	C		2	ND	
1R-11281	5000 Highway 37 N	10/2/2001	Field Sample		Surface soil	Property	screen plant	0	2	PLM-9002	B	<	1	ND	
1R-11282	5000 Highway 37 N	10/2/2001	Field Sample		Surface soil	Property	screen plant	0	2	PLM-9002	B	<	1	ND	
1R-11283	5000 Highway 37 N	10/2/2001	Field Sample		Surface soil	Property	screen plant	0	2	PLM-9002	C		2	ND	
1R-11284	5000 Highway 37 N	10/2/2001	Field Sample		Surface soil	Property	screen plant	0	2	PLM-9002	B	<	1	ND	
1R-11285	5000 Highway 37 N	10/2/2001	Field Sample		Surface soil	Property	screen plant	0	2	PLM-9002	B	<	1	ND	
1R-11286	5000 Highway 37 N	10/2/2001	Field Sample		Surface soil	Property	Screen Plant	0	2	PLM-9002	B	<	1	ND	
1R-11287	5000 Highway 37 N	10/2/2001	Field Sample		Surface soil	Property	Screen Plant	0	2	PLM-9002	B	<	1	ND	
1R-11288	5000 Highway 37 N	10/3/2001	Field Sample		Surface soil	Property	screen plant	0	2	PLM-9002	B	<	1	ND	
1R-11289	5000 Highway 37 N	10/3/2001	Field Sample		Surface soil	Property	screen plant	0	2	PLM-9002	C		2	ND	
1R-11301	5000 Highway 37 N	10/20/2001	Field Sample		Subsurface soil	Property	Rt 37 row	0	4	PLM-9002	A	ND		ND	
1R-11302	5000 Highway 37 N	10/20/2001	Field Sample		Subsurface soil	Property	riverbank	0	4	PLM-9002	A	ND		ND	
1R-11303	5000 Highway 37 N	10/20/2001	Field Sample		Subsurface soil	Property	riverbank	0	4	PLM-9002	A	ND		ND	
1R-11304	5000 Highway 37 N	10/20/2001	Field Sample		Subsurface soil	Property	riverbank	0	4	PLM-9002	A	ND		ND	
1R-11305	5000 Highway 37 N	10/20/2001	Field Sample		Subsurface soil	Property	riverbank	0	4	PLM-9002	A	ND		ND	
1R-13444	Rainy Creek Bank (Lower Reach)	11/6/2001	Field Sample		Surface soil	Property	rainy creek	0	2	PLM-9002	B	<	1	ND	
1R-13445	Rainy Creek Bank (Lower Reach)	11/6/2001	Field Sample		Surface soil	Property	rainy creek	0	2	PLM-9002	A	ND		ND	
1R-13446	Rainy Creek Bank (Lower Reach)	11/6/2001	Field Sample		Surface soil	Property	rainy creek	0	2	PLM-9002	A	ND		ND	
1R-13447	Rainy Creek Bank (Lower Reach)	11/6/2001	Field Sample		Surface soil	Property	rainy creek	0	2	PLM-9002	B	<	1	ND	
1R-13448	Rainy Creek Bank (Lower Reach)	11/6/2001	Field Sample		Surface soil	Property	rainy creek	0	2	PLM-9002	B	<	1	ND	
1R-13449	Rainy Creek Bank (Lower Reach)	11/6/2001	Field Sample		Surface soil	Property	rainy creek	0	2	PLM-9002	B	<	1	ND	

Table 2-11. Former Screening Plant Removal-related Soil Sample Results - August to November 2001

Sample ID	Property Group (Location)	Sample Date	Category	Parent ID	Matrix	Sample Group	Location Description (Sub Location)	Top Depth	Bottom Depth	Analytical Results					
										Method	LA Bin	LA (%)		C (%)	
1R-13450	Rainy Creek Bank (Lower Reach)	11/6/2001	Field Sample		Surface soil	Property	rainy creek	0	2	PLM-9002	B	<	1	ND	
1R-13451	Rainy Creek Bank (Lower Reach)	11/6/2001	Field Sample		Surface soil	Property	rainy creek	0	2	PLM-9002	B	<	1	ND	
1R-13454	Rainy Creek Bank (Lower Reach)	11/7/2001	Field Sample		Surface soil	Property	rainy creek	0	2	PLM-9002	B	<	1	ND	
1R-13455	Rainy Creek Bank (Lower Reach)	11/7/2001	Field Sample		Surface soil	Property	rainy creek	0	2	PLM-9002	A	ND		ND	
1R-13456	Rainy Creek Bank (Lower Reach)	11/7/2001	Field Sample		Surface soil	Property	rainy creek	0	2	PLM-9002	B	<	1	ND	
1R-13457	Rainy Creek Bank (Lower Reach)	11/7/2001	Field Sample		Surface soil	Property	rainy creek	0	2	PLM-9002	B	<	1	ND	
1R-13458	Rainy Creek Bank (Lower Reach)	11/7/2001	Field Sample		Surface soil	Property	rainy creek	0	2	PLM-9002	B	<	1	ND	

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LA = Libby Amphibole

ND = non-detect

% = percent

C = Chrysotile

PLM = polarized light microscopy

PLM-9002 = National Institute for Occupational Safety and Health 9002 method

< = less than

* = Coordinate data are not available for these samples; therefore, sample locations are not presented graphically in this report.

Table 2-12. Former Screening Plant Removal-related Soil Sample Results - August to October 2002

Sample ID	Property Group (Location)	Sample Date	Category	Parent ID	Matrix	Sample Group	Location Description (Sub Location)	Top Depth	Bottom Depth	Analytical Results					
										Method	LA Bin	LA (%)		C (%)	
1R-14861	5000 Highway 37 N	8/26/2002	Field Sample		Surface soil	Property	N & S strip 20 ft inside perimeter fence	0	2	PLM-9002	A	ND		ND	
1R-14862	5000 Highway 37 N	8/26/2002	Field Sample		Surface soil	Property	E & W side (strip) 20 ft inside perimeter fence	0	2	PLM-9002	A	ND		ND	
1R-14863	5000 Highway 37 N	8/27/2002	Field Sample		Surface soil	Property	N &S 50x20 inside perimeter fence	0	2	PLM-9002	A	ND		ND	
1R-14864	5000 Highway 37 N	8/27/2002	Field Sample		Surface soil	Property	W&E 50x20 Inside perimeter fence	0	2	PLM-9002	A	ND		ND	
1R-14865	5000 Highway 37 N	8/27/2002	Field Sample		Surface soil	Property	N&S 75x10 Inside perimeter fence	0	2	PLM-9002	A	ND		ND	
1R-14866	5000 Highway 37 N	8/28/2002	Field Sample		Surface soil	Property	N-S strip 50'x40', start N corner 100' south	0	2	PLM-9002	C		1	ND	
1R-14867	5000 Highway 37 N	8/28/2002	Field Sample		Surface soil	Property	N-S strip, 50'x40' start N corner 100' to south	0	2	PLM-9002	A	ND		ND	
1R-14868	5000 Highway 37 N	8/28/2002	Field Sample		Surface soil	Property	N-S strip, 50'x40', start N corner 100' to south	0	2	PLM-9002	A	ND		ND	
1R-14869	5000 Highway 37 N	9/5/2002	Field Sample		Surface soil	Property	Screening plant onl staging area	0	2	PLM-9002	A	ND		ND	
1R-14870	5000 Highway 37 N	9/5/2002	Field Sample		Surface soil	Property	See comments	0	2	PLM-9002	A	ND		ND	
1R-14871	5000 Highway 37 N	9/6/2002	Field Sample		Surface soil	Property	Screening plant, old decon area	0	2	PLM-9002	A	ND		ND	
1R-14872	5000 Highway 37 N	9/6/2002	Field Sample		Surface soil	Property	Screening plant, old decon area	0	2	PLM-9002	A	ND		ND	
1R-14873	5000 Highway 37 N	9/6/2002	Field Sample		Surface soil	Property	Screening plant, old decon area	0	2	PLM-9002	A	ND		ND	
1R-14875	5000 Highway 37 N	10/24/2002	Field Sample		Surface soil	Property	N side R.C. 20' S of zone entrance top of bank	0	2	PLM-9002	A	ND		ND	
1R-14876	5000 Highway 37 N	10/24/2002	Field Sample		Surface soil	Property	N side rains creek 150 S of zone entrance top of	0	2	PLM-9002	A	ND		ND	
1R-14877	5000 Highway 37 N	10/24/2002	Field Sample		Surface soil	Property	20' from Decon Pad S. top of bank	0	2	PLM-9002	A	ND		ND	
1R-14878	5000 Highway 37 N	10/24/2002	Field Sample		Surface soil	Property	100' from Decon Pad S in mid slope	0	2	PLM-9002	A	ND		ND	
1R-14879	5000 Highway 37 N	10/24/2002	Field Sample		Surface soil	Property	200' from Decan Pad S top of bank	0	2	PLM-9002	A	ND		ND	
1R-15161	5000 Highway 37 N	9/7/2002	Field Sample		Surface soil	Property	Property	0	4	PLM-9002	A	ND		ND	
1R-15162	5000 Highway 37 N	9/7/2002	Field Sample		Surface soil	Property	Property	0	4	PLM-9002	A	ND		ND	
1R-15163	5000 Highway 37 N	10/4/2002	Field Sample		Surface soil	Property	By tree, South of creek	0	2	PLM-9002	B	<	1	ND	
1R-15164	5000 Highway 37 N	10/4/2002	Field Sample		Surface soil	Property	South of creek; Strip	0	2	PLM-9002	B	<	1	ND	
1R-15165	5000 Highway 37 N	10/4/2002	Field Sample		Surface soil	Property	1st 100 ft. back; N. side	0	2	PLM-9002	A	ND		ND	
1R-15166	5000 Highway 37 N	10/4/2002	Field Sample		Surface soil	Property	2nd 100 ft.; N. side	0	2	PLM-9002	A	ND		ND	
1R-15167	5000 Highway 37 N	10/4/2002	Field Sample		Surface soil	Property	North of creek	0	2	PLM-9002	A	ND		ND	
1R-15677	Rainy Creek Bank (Lower Reach)	10/3/2002	Field Sample		Surface soil	Rainey Creek Bank	1st 200 Ft; Bank Sample	0	2	PLM-9002	A	ND		ND	
1R-15678	Rainy Creek Bank (Lower Reach)	10/3/2002	Field Sample		Surface soil	Rainey Creek Bank	2nd 200 Ft; Bank Sample	0	2	PLM-9002	A	ND		ND	

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LA = Libby Amphibole

ND = non-detect

% = percent

C = Chrysotile

PLM = polarized light microscopy

PLM-9002 = National Institute for Occupational Safety and Health 9002 method

< = less than

Table 2-13. Former Screening Plant - Tree Storage Area Soil Sample Results – March 2003

Sample ID	Property Group (Location)	Sample Date	Category	Parent ID	Matrix	Sample Group	Location Description (Sub Location)	Top Depth	Bottom Depth	Analytical Results			
										Method	LA Bin	LA (%)	C (%)
1-07757*	5000 Highway 37 N	3/25/2003	Field Sample		Surface soil	Location #1	North of enclosure; Sample taken from rootballs	0	12	PLM-9002	A	ND	ND
1-07758*	5000 Highway 37 N	3/25/2003	Field Sample		Surface soil	Location #2	NW Quadrant within enclosure; Sample taken from ro	0	12	PLM-9002	A	ND	ND
1-07759*	5000 Highway 37 N	3/25/2003	Field Sample		Surface soil	Location #3	NE Quadrant within enclosure; Sample taken from ro	0	12	PLM-9002	A	ND	ND
1-07760*	5000 Highway 37 N	3/25/2003	Field Sample		Surface soil	Location #4	SW Quadrant within enclosure	0	12	PLM-9002	A	ND	ND
1-07761*	5000 Highway 37 N	3/25/2003	Field Sample		Surface soil	Location #5	SE Quadrant within enclosure	0	12	PLM-9002	A	ND	ND
1-07762*	5000 Highway 37 N	3/25/2003	Field Sample		Surface soil	Location #6	South of enclosure; Sample taken from rootballs	0	12	PLM-9002	A	ND	ND
1-07763*	5000 Highway 37 N	3/25/2003	Field Sample		Surface soil	Location #1	North of enclosure; Sample taken from soil beneath	0	6	PLM-9002	A	ND	ND
1-07764*	5000 Highway 37 N	3/25/2003	Field Sample		Surface soil	Location #2	NW Quadrant within enclosure; Sample taken from so	0	6	PLM-9002	A	ND	ND
1-07765*	5000 Highway 37 N	3/25/2003	Field Sample		Surface soil	Location #3	NE Quadrant within enclosure; Sample taken from so	0	6	PLM-9002	A	ND	ND
1-07766*	5000 Highway 37 N	3/25/2003	Field Sample		Surface soil	Location #4	SW Quadront within enclosure; Sample taken from so	0	6	PLM-9002	A	ND	ND
1-07767*	5000 Highway 37 N	3/25/2003	Field Sample		Surface soil	Location #5	SE Quadrant within enclosure; Sample taken from so	0	6	PLM-9002	A	ND	ND
1-07768*	5000 Highway 37 N	3/25/2003	Field Sample		Surface soil	Location #6	South of enclosure; Sample taken from soil beneath	0	6	PLM-9002	A	ND	ND

Notes and Definitions:
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LA = Libby Amphibole
ND = non-detect
% = percent
C = Chrysotile
PLM = polarized light microscopy
PLM-9002 = National Institute for Occupational Safety and Health 9002 method
< = less than
* = Coordinate data are not available for these samples; therefore, sample locations are not presented graphically in this report.

Table 2-14. Former Screening Plant - Tree Storage Area Bulk Sample Results – March 2003

Sample ID	Property Group (Location)	Sample Date	Category	Matrix	Sample Group	Location Description (Sub Location)	Media Type	Analytical Results				
								Method	LA (%)		C (%)	
1-07751*	5000 Highway 37 N	3/25/2003	Field Sample	Other	Location #4	SW Quadrant within enclosure 1416	Bulk	PLM-9002	ND		ND	
1-07752*	5000 Highway 37 N	3/25/2003	Field Sample	Other	Location #5	SE Quadrant within enclosure 1418	Bulk	PLM-9002	ND		ND	
1-07753*	5000 Highway 37 N	3/25/2003	Field Sample	Other	Location #6	South of enclosure	Bulk	PLM-9002	ND		ND	
1-07754*	5000 Highway 37 N	3/25/2003	Field Sample	Other	Location #1	North of enclosure	Bulk	PLM-9002	ND		ND	
1-07755*	5000 Highway 37 N	3/25/2003	Field Sample	Other	Location #2	NW Quadrant within fence (enclosure) 1424	Bulk	PLM-9002	ND		ND	
1-07756*	5000 Highway 37 N	3/25/2003	Field Sample	Other	Location #3	NE Quadrant within fence 1426	Bulk	PLM-9002	ND		ND	

Notes and Definitions:

The report excludes all lab quality control results, such as those associated with Lab Blanks, Lab Duplicates, Re-Preparation, Re-count Same, Re-count Different, Verified Analysis, etc.

PLM = polarized light microscopy

LA = Libby Amphibole

ND = non-detect

% = percent

C = Chrysotile

< = less than

* = Coordinate data are not available for these samples; therefore, sample locations are not presented graphically in this report.

Table 2-15. Former Screening Plant Removal-related Soil Sample Results - September 2003 and August 2004

Sample ID	Property Group (Location)	Sample Date	Category	Parent ID	Matrix	Sample Group	Location Description (Sub Location)	Top Depth	Bottom Depth	Analytical Results					
										Method	LA Bin	LA (%)		C (%)	
1R-22701-B	Highway 37 N (Right of Way)	9/3/2003	Field Sample		Surface soil	Property	Hwy 37 right of way between 270' & 170' north from	0	6	PLM-9002	B2	<	1	ND	
1R-22702-B	Highway 37 N (Right of Way)	9/3/2003	Field Sample		Surface soil	Property	Hwy 37 right of way between 170' & 70' north from	0	6	PLM-9002	B2	<	1	ND	
1R-22703-B	Highway 37 N (Right of Way)	9/3/2003	Field Sample		Surface soil	Property	Hwy 37 right of way between 70' & 0' north from	0	6	PLM-9002	A	ND		ND	
1R-22704-B	Highway 37 N (Right of Way)	9/3/2003	Field Sample		Surface soil	Property	Hwy 37 right of way between 0' & 100' south from	0	6	PLM-9002	A	ND		ND	
1R-22705-B	Highway 37 N (Right of Way)	9/3/2003	Field Sample		Surface soil	Property	Hwy 37 right of way between 100' & 200' south from	0	6	PLM-9002	A	ND		ND	
1R-22706-B	Highway 37 N (Right of Way)	9/3/2003	Field Sample		Surface soil	Property	Hwy 37 right of way between 200' & 290' south from	0	6	PLM-9002	A	ND		ND	
1R-22707-B	Highway 37 N (Right of Way)	9/3/2003	Field Sample		Surface soil	Property	Hwy 37 right of way collected between 0' & 100'	0	6	PLM-9002	A	ND		ND	
1R-22708-B	Highway 37 N (Right of Way)	9/3/2003	Field Sample		Surface soil	Property	Hwy 37 right of way collected between 100' & 200'	0	6	PLM-9002	A	ND		ND	
1R-22709-B	Highway 37 N (Right of Way)	9/3/2003	Field Sample		Surface soil	Property	Hwy 37 right of way collected between 200' & 300'	0	6	PLM-9002	A	ND		ND	
1R-22710-B	Highway 37 N (Right of Way)	9/3/2003	Field Sample		Surface soil	Property	Hwy 37 right of way collected between 300' & 350'	0	6	PLM-9002	A	ND		ND	
1R-22711-B	Highway 37 N (Right of Way)	9/3/2003	Field Duplicate	1R-22710	Surface soil	Property	Hwy 37 right of way collected between 300' & 350'	0	6	PLM-9002	A	ND		ND	
1R-26034-B	Highway 37 N (Right of Way)	8/10/2004	Field Sample		Surface soil	Property	See dwg D-1	0	2	PLM-9002	C		3	ND	
1R-26035-B	Highway 37 N (Right of Way)	8/10/2004	Field Sample		Surface soil	Property	See dwg D-1	0	2	PLM-9002	B2	<	1	ND	
1R-26036-B	Highway 37 N (Right of Way)	8/10/2004	Field Sample		Surface soil	Property	See dwg D-1	0	2	PLM-9002	B2	<	1	ND	
1R-26037-B	Highway 37 N (Right of Way)	8/11/2004	Field Sample		Surface soil	Property	See DWG D-1	0	2	PLM-9002	B2	<	1	ND	
1R-26038-B	Highway 37 N (Right of Way)	8/11/2004	Field Sample		Surface soil	Property	See DWG D-1	0	2	PLM-9002	B2	<	1	ND	
1R-26039-B	Highway 37 N (Right of Way)	8/11/2004	Field Sample		Surface soil	Property	See DWG D-1	0	2	PLM-9002	A	ND		ND	
1R-26127-B	Highway 37 N (Right of Way)	8/11/2004	Field Sample		Surface soil	Property	See DWG D-1	0	2	PLM-9002	A	ND		ND	

Notes and Definitions:

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B suffix in Sample ID = non-processed sample

LA = Libby Amphibole

ND = non-detect

% = percent

C = Chrysotile

PLM = polarized light microscopy

PLM-9002 = National Institute for Occupational Safety and Health 9002 method

< = less than

Table 2-16. Former Screening Plant Potable Water Well Installation - Water Sample Results - October 2002, March and April 2003

							Water (EPA 100.2)														
								Libby Amphibole (LA)					Chrysotile (C)					Other Amphiboles (OA)			
									ALL (> .5 um)		> 10 um			ALL (> .5 um)		> 10 um			ALL (> .5 um)		> 10 um	
Sample ID	Property Group (Location)	Sample Group	Location Description (Sub Location)	Matrix	Category	Sample Date	Grid Openings	Sensitivity (s/L)	Count	Concentration (s/L)	Count	Concentration (s/L)	Sensitivity (s/L)	Count	Concentration (s/L)	Count	Concentration (s/L)	Sensitivity (s/L)	Count	Concentration (s/L)	Count	Concentration (s/L)
1-07036	5000 Highway 37 N	Well Boring	Parker property	Well water	Field Sample	3/22/2003	2		31	6 8E+11	3	6 6E+10		0	< 2 2E+10	0	< 2 2E+10		0	< 2.2E+10	0	< 2.2E+10
1-07038	5000 Highway 37 N	Well Boring	Parker's property	Well water	Field Sample	3/23/2003	10		33	7.2E+08	2	4 4E+07		0	< 2 2E+07	0	< 2 2E+07		0	< 2 2E+07	0	< 2.2E+07
1-07224	5000 Highway 37 N	Well water	Well @ Rainy Creek & Kootenai River	Well water	Field Sample	10/3/2002	10		25	5.5E+08	1	2 2E+07		0	< 2 2E+07	0	< 2.2E+07		0	< 2.2E+07	0	< 2.2E+07
1-07726	5000 Highway 37 N	Well Boring	Parker property	Well water	Field Sample	4/18/2003	10		0	< 2.2E+06	0	< 2 2E+06		0	< 2 2E+06	0	< 2.2E+06		0	< 2.2E+06	0	< 2.2E+06
1-07727	5000 Highway 37 N	Well	Parker Property	Well water	Field Sample	4/22/2003	10		0	< 4.4E+05	0	< 4 4E+05		0	< 4 4E+05	0	< 4 4E+05		0	< 4.4E+05	0	< 4.4E+05
1-07773	5000 Highway 37 N	Well Boring	Parker property	Well water	Field Sample	3/27/2003	10		0	< 2.2E+07	0	< 2.2E+07		0	< 2 2E+07	0	< 2 2E+07		0	< 2.2E+07	0	< 2.2E+07
1-07783	5000 Highway 37 N	Well Boring	Parker property	Well water	Field Sample	3/27/2003	10		3	6.6E+06	1	2 2E+06		0	< 2 2E+06	0	< 2.2E+06		0	< 2.2E+06	0	< 2.2E+06
1-07854	5000 Highway 37 N	Property	Well @ rainy creek & kootenai river on parker	Well water	Field Sample	10/14/2003	6		0	< 1.6E+05	0	< 1.6E+05		0	< 1 6E+05	0	< 1.6E+05		0	< 1.6E+05	0	< 1.6E+05

Notes and Definitions:

The report excludes all lab quality control results, such as those associated with Lab Blanks, Lab Duplicates, Re-Preparation, Re-count Same, Re-count Different, Verified Analysis, etc.

LA = Libby Amphibole

ND = non-detect

% = percent

C = Chrysotile

EPA 100.2 = EPA method for the determination of asbestos in drinking water

< = less than

Table 2-17. Former Screening Plant Potable Water Well Installation - Soil Boring Sample Results - March 2003

Sample ID	Property Group (Location)	Sample Date	Category	Parent ID	Matrix	Sample Group	Location Description (Sub Location)	Top Depth	Bottom Depth	Analytical Results					
										Method	LA Bin	LA (%)		C (%)	
1-07037	5000 Highway 37 N	3/22/2003	Field Sample		Subsurface soil	Well Boring	Parker property	57	57	PLM-9002	C		1	ND	
1-07771	5000 Highway 37 N	3/26/2003	Field Sample		Subsurface soil	Well Boring	Parker property	89	89	PLM-9002	A	ND		ND	
1-07772	5000 Highway 37 N	3/26/2003	Field Sample		Subsurface soil	Well Boring	Parker property	98	98	PLM-9002	C		1	ND	
1R-20021	5000 Highway 37 N	5/5/2003	Field Sample		Surface soil	Well Drilling Yard	Pad used for well drilling constructed of stone	0	6	PLM-9002	A	ND		ND	

Notes and Definitions:
The report excludes all lab quality control results, such as those associated with Lab Blanks, Lab Duplicates, Re-Preparation, Re-count Same, Re-count Different, Verified Analysis, etc.
LA = Libby Amphibole
ND = non-detect
% = percent
C = Chrysotile
PLM = polarized light microscopy
PLM-9002 = National Institute for Occupational Safety and Health 9002 method
< = less than

Table 2-18. Former Screening Plant Potable Water Well Installation - Water Sample Results - July 2005 and May 2006

							Water (EPA 100.2)															
								Libby Amphibole (LA)					Chrysotile (C)					Other Amphiboles (OA)				
									ALL (> .5 um)		> 10 um			ALL (> .5 um)		> 10 um			ALL (> .5 um)		> 10 um	
Sample ID	Property Group (Location)	Sample Group	Location Description (Sub Location)	Matrix	Category	Sample Date	Grid Openings	Sensitivity (s/L)	Count	Concentration (s/L)	Count	Concentration (s/L)	Sensitivity (s/L)	Count	Concentration (s/L)	Count	Concentration (s/L)	Sensitivity (s/L)	Count	Concentration (s/L)	Count	Concentration (s/L)
1R-31601	5000 Highway 37 N	Property	Potable Water Well	Well water	Field Sample	7/6/2005	6		0	< 4 9E+04	0	< 4 9E+04		0	< 4 9E+04	0	< 4.9E+04		0	< 4 9E+04	0	< 4 9E+04
PW-00003	5000 Highway 37 N	Property	From well drilling location	Well water	Field Sample	5/3/2006	8	1 2E+05	15	1 9E+06	4	5 0E+05	1 2E+05	0	< 1 2E+05	0	< 1.2E+05	1 2E+05	0	< 1 2E+05	0	< 1.2E+05
PW-00004	5000 Highway 37 N	Property	From well drilling location	Well water	Field Sample	5/4/2006	12	1.7E+05	4	6 6E+05	2	3 3E+05	1.7E+05	0	< 1 7E+05	0	< 1.7E+05	1 7E+05	0	< 1.7E+05	0	< 1 7E+05
PW-00005	5000 Highway 37 N	Property	From well drilling location	Well water	Field Sample	5/4/2006	6	1 7E+05	1	1 7E+05	0	1 7E+05	1.7E+05	0	< 1 7E+05	0	< 1.7E+05	1 7E+05	0	< 1 7E+05	0	< 1 7E+05
PW-00006	5000 Highway 37 N	Property	From well drilling location	Well water	Field Sample	5/4/2006	6	1 7E+05	2	3 3E+05	1	1 7E+05	1.7E+05	0	< 1 7E+05	0	< 1.7E+05	1.7E+05	0	< 1.7E+05	0	< 1 7E+05
PW-00007	5000 Highway 37 N	Property	From well drilling location	Well water	Field Sample	5/4/2006	6	1.7E+05	0	< 1.7E+05	0	< 1 7E+05	1.7E+05	0	< 1 7E+05	0	< 1.7E+05	1.7E+05	0	< 1.7E+05	0	< 1.7E+05
PW-00008	5000 Highway 37 N	Property	From well drilling location	Well water	Field Sample	5/4/2006	6	1.7E+05	4	6 6E+05	2	3.3E+05	1.7E+05	0	< 1 7E+05	0	< 1 7E+05	1.7E+05	0	< 1.7E+05	0	< 1 7E+05
PW-00009	5000 Highway 37 N	Property	From well drilling location	Well water	Field Sample	5/4/2006	6	1.7E+05	0	< 1.7E+05	0	< 1 7E+05	1.7E+05	0	< 1 7E+05	0	< 1.7E+05	1.7E+05	0	< 1.7E+05	0	< 1.7E+05
PW-00010	5000 Highway 37 N	Property	From well drilling location(associated w/ PW00011	Well water	Field Sample	5/5/2006	6	1.7E+05	0	< 1.7E+05	0	< 1.7E+05	1.7E+05	0	< 1 7E+05	0	< 1.7E+05	1.7E+05	0	< 1.7E+05	0	< 1 7E+05

Notes and Definitions:
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LA = Libby Amphibole
ND = non-detect
% = percent
C = Chrysotile
EPA 100.2 = EPA method for the determination of asbestos in drinking water
< = less than

Table 2-19. Former Screening Plant Potable Water Well Installation - Drill Rig Soil Sample Results - May 2006

Sample ID	Property Group (Location)	Sample Date	Category	Parent ID	Matrix	Sample Group	Location Description (Sub Location)	Top Depth	Bottom Depth	Analytical Results				
										Method	LA Bin	LA (%)	C (%)	
PW-00001-B	5000 Highway 37 N	5/1/2006	Field Sample		Soil	Property	Side yard	0	0	PLM-9002	ND		ND	

Notes and Definitions:
The report excludes all lab quality control results, such as those associated with Lab Blanks, Lab Duplicates, Re-Preparation, Re-count Same, Re-count Different, Verified Analysis, etc.
B suffix in Sample ID = non-processed sample
LA = Libby Amphibole
ND = non-detect
% = percent
C = Chrysotile
PLM = polarized light microscopy
PLM-9002 = National Institute for Occupational Safety and Health 9002 method
< = less than

Table 2-20. Flyway Investigation Soil Sample Results – March 2000

Sample ID	Property Group (Location)	Sample Date	Category	Parent ID	Matrix	Sample Group	Location Description (Sub Location)	Top Depth (inches)	Bottom Depth (inches)	Analytical Results				
										Method	LA Bin	LA (%)	C (%)	
1-00109	Highway 37 N Government Lot #4	3/8/2000	Field Sample		Surface soil	Property	Soil	0	2	PLM-9002	C	3	ND	
1-00110	Highway 37 N Government Lot #4	3/8/2000	Field Sample		Surface soil	Property	Soil	2	12	PLM-9002	A	ND	ND	
1-00111	Highway 37 N Government Lot #4	3/8/2000	Field Sample		Surface soil	Property	Soil	0	2	PLM-9002	C	2	ND	
1-00112	Highway 37 N Government Lot #4	3/8/2000	Field Sample		Surface soil	Property	Soil	0	2	PLM-9002	B	< 1	ND	
1-00113	Highway 37 N Government Lot #4	3/8/2000	Field Sample		Surface soil	Property	Soil	2	12	PLM-9002	B	< 1	ND	
1-00114	Highway 37 N Government Lot #4	3/8/2000	Field Sample		Surface soil	Property	Soil	0	2	PLM-9002	B	< 1	ND	
1-00115	Highway 37 N Government Lot #4	3/8/2000	Field Sample		Surface soil	Property	Soil	0	2	PLM-9002	A	ND	ND	
1-00116	Highway 37 N Government Lot #4	3/8/2000	Field Sample		Surface soil	Property	Soil	0	2	PLM-9002	A	ND	ND	
1-00117	Highway 37 N Government Lot #4	3/8/2000	Field Sample		Surface soil	Property	Soil	0	2	PLM-9002	B	< 1	ND	
1-00118	Highway 37 N Government Lot #4	3/8/2000	Field Sample		Surface soil	Property	Soil	0	2	PLM-9002	B	< 1	ND	
1-00119	Highway 37 N Government Lot #4	3/8/2000	Field Sample		Surface soil	Property	Soil	2	12	PLM-9002	A	ND	ND	
1-00120	Highway 37 N Government Lot #4	3/8/2000	Field Sample		Surface soil	Property	Soil	0	2	PLM-9002	B	< 1	ND	
1-00121	Highway 37 N Government Lot #4	3/8/2000	Field Sample		Other	Property		0	12	PLM-9002	A	ND	ND	
1-00122	Highway 37 N Government Lot #4	3/8/2000	Field Sample		Other	Property		0	12	PLM-9002	B	< 1	ND	
1-00123	Highway 37 N Government Lot #4	3/8/2000	Field Sample		Other	Property		0	1	PLM-9002	C	1	ND	
1-00127	Highway 37 N Government Lot #4	3/8/2000	Field Sample		Mining waste	Property		0	24	PLM-9002	C	2	ND	
1-00128	Highway 37 N Government Lot #4	3/8/2000	Field Sample		Other	Property		0	24	PLM-9002	B	< 1	ND	
1-00129	Highway 37 N Government Lot #4	3/8/2000	Field Sample		Other	Property		0	24	PLM-9002	A	ND	ND	
1-00130	Highway 37 N Government Lot #4	3/8/2000	Field Sample		Surface soil	Property	Soil	0	2	PLM-9002	B	< 1	ND	
1-00131	Highway 37 N Government Lot #4	3/8/2000	Field Sample		Surface soil	Property	Soil	0	2	PLM-9002	C	3	ND	
1-00132	Highway 37 N Government Lot #4	3/8/2000	Field Sample		Surface soil	Property	Soil	2	12	PLM-9002	B	< 1	ND	
1-00133	Highway 37 N Government Lot #4	3/8/2000	Field Sample		Other	Property		0	12	PLM-9002	C	8	ND	
1-00134	Highway 37 N Government Lot #4	3/8/2000	Field Sample		Surface soil	Property	Soil	0	2	PLM-9002	C	3	ND	
1-00135	Highway 37 N Government Lot #4	3/8/2000	Field Sample		Surface soil	Property	Soil	2	12	PLM-9002	B	< 1	ND	
1-00136	Highway 37 N Government Lot #4	3/8/2000	Field Sample		Surface soil	Property	Soil	0	2	PLM-9002	B	< 1	ND	
1-00137	Highway 37 N Government Lot #4	3/8/2000	Field Sample		Surface soil	Property	Soil	0	2	PLM-9002	C	4	ND	
1-00138	Highway 37 N Government Lot #4	3/8/2000	Field Sample		Other	Property		0	1	PLM-9002	B	< 1	ND	
1-00139	Highway 37 N Government Lot #4	3/8/2000	Field Sample		Surface soil	Property	Soil	0	2	PLM-9002	B	< 1	ND	
1-00140	Highway 37 N Government Lot #4	3/8/2000	Field Sample		Other	Property		0	2	PLM-9002	B	< 1	ND	
1-00141	Highway 37 N Government Lot #4	3/8/2000	Field Sample		Surface soil	Property	Soil	0	2	PLM-9002	A	ND	ND	
1-00145	Highway 37 N Government Lot #4	3/8/2000	Field Sample		Surface soil	Property	Soil	0	2	PLM-9002	A	ND	ND	
1-00146	Highway 37 N Government Lot #4	3/8/2000	Field Sample		Surface soil	Property	Soil	0	2	PLM-9002	A	ND	ND	
1-00147	Highway 37 N Government Lot #4	3/8/2000	Field Sample		Surface soil	Property	Soil	2	12	PLM-9002	A	ND	ND	
1-00148	Highway 37 N Government Lot #4	3/8/2000	Field Sample		Other	Property		0	2	PLM-9002	B	< 1	ND	
1-00149	Highway 37 N Government Lot #4	3/8/2000	Field Sample		Other	Property		0	12	PLM-9002	A	ND	ND	
1-00150	Highway 37 N Government Lot #4	3/8/2000	Field Sample		Other	Property		0	2	PLM-9002	B	< 1	ND	
1-00151	Highway 37 N Government Lot #4	3/8/2000	Field Sample		Surface soil	Property	Soil	0	2	PLM-9002	A	ND	ND	
1-00152	Highway 37 N Government Lot #4	3/8/2000	Field Sample		Surface soil	Property	Soil	2	12	PLM-9002	A	ND	ND	
1-00153	Highway 37 N Government Lot #4	3/8/2000	Field Sample		Other	Property		0	2	PLM-9002	B	< 1	ND	
1-00154	Highway 37 N Government Lot #4	3/8/2000	Field Sample		Surface soil	Property	Soil	0	2	PLM-9002	A	ND	ND	
1-00155	Highway 37 N Government Lot #4	3/8/2000	Field Sample		Surface soil	Property	Soil	0	2	PLM-9002	A	ND	ND	
1-00156	Highway 37 N Government Lot #4	3/8/2000	Field Sample		Other	Property		0	2	PLM-9002	B	< 1	ND	
1-00177	Highway 37 N Government Lot #4	3/9/2000	Field Sample		Mining waste	Property		26	30	PLM-9002	C	2	ND	
1-00181	Highway 37 N Government Lot #4	3/9/2000	Field Sample		Mining waste	Property		18	32	PLM-9002	C	2	ND	
1-01267	Highway 37 N Government Lot #4	3/8/2000	Field Duplicate	1-00137	Surface soil	Property	Soil	0	2	PLM-9002	C	3	ND	

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LA = Libby Amphibole

ND = non-detect

% = percent

C = Chrysotile

PLM = polarized light microscopy

PLM-9002 = National Institute for Occupational Safety and Health 9002 method

< = less than

Table 2-21. Flyway Investigation Soil Sample Results – September 2000

Sample ID	Property Group (Location)	Sample Date	Category	Parent ID	Matrix	Sample Group	Location Description (Sub Location)	Top Depth (inches)	Bottom Depth (inches)	Analytical Results				
										Method	LA Bin	LA (%)		C (%)
1R-01613	KDC Flyway	9/16/2000	Field Sample		Surface soil	Property	Soil	6	10	PLM-9002	B	<	1	ND
1R-01614	KDC Flyway	9/16/2000	Field Sample		Surface soil	Property	Soil	24	28	PLM-9002	B	<	1	ND
1R-01615	KDC Flyway	9/16/2000	Field Sample		Surface soil	Property	Soil	48	52	PLM 9002	A	ND		ND
1R-01616	KDC Flyway	9/16/2000	Field Sample		Surface soil	Property	Soil	24	28	PLM-9002	A	ND		ND
1R-01617	KDC Flyway	9/16/2000	Field Sample		Surface soil	Property	Soil	6	10	PLM-9002	A	ND		ND
1R-01618	KDC Flyway	9/16/2000	Field Sample		Surface soil	Property	Soil	60	64	PLM-9002	A	ND		ND
1R-01619	KDC Flyway	9/16/2000	Field Sample		Surface soil	Property	Soil	48	52	PLM-9002	A	ND		ND
1R-01620	KDC Flyway	9/16/2000	Field Sample		Surface soil	Property	Soil	60	64	PLM-9002	A	ND		ND
1R-01621	KDC Flyway	9/16/2000	Field Sample		Surface soil	Property	Soil	6	10	PLM-9002	A	ND		ND
1R-01622	KDC Flyway	9/16/2000	Field Sample		Surface soil	Property	Soil	6	10	PLM-9002	A	ND		ND
1R-01623	KDC Flyway	9/16/2000	Field Sample		Surface soil	Property	Soil	60	64	PLM-9002	A	ND		ND
1R-01624	KDC Flyway	9/16/2000	Field Sample		Surface soil	Property	Soil	48	52	PLM-9002	A	ND		ND
1R-01625	KDC Flyway	9/16/2000	Field Sample		Surface soil	Property	Soil	36	40	PLM-9002	A	ND		ND
1R-01626	KDC Flyway	9/16/2000	Field Sample		Surface soil	Property	Soil	24	28	PLM-9002	A	ND		ND
1R-01627	KDC Flyway	9/16/2000	Field Sample		Surface soil	Property	Soil	24	28	PLM-9002	A	ND		ND
1R-01638	KDC Flyway	9/19/2000	Field Sample		Surface soil	Property	Soil	48	52	PLM-9002	A	ND		ND
1R-01640	KDC Flyway	9/19/2000	Field Sample		Surface soil	Property	Soil	48	52	PLM-9002	A	ND		ND

Notes and Definitions:
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LA = Libby Amphibole
ND = non-detect
% = percent
C = Chrysotile
PLM = polarized light microscopy
PLM-9002 = National Institute for Occupational Safety and Health 9002 method
< = less than

Table 2-22. Flyway Investigation Soil Sample Results – March 2001

Sample ID	Property Group (Location)	Sample Date	Category	Parent ID	Matrix	Sample Group	Location Description (Sub Location)	Top Depth (inches)	Bottom Depth (inches)	Analytical Results					
										Method	LA Bin	LA (%)		C (%)	
1-02087	Highway 37 N Government Lot #4	3/28/2001	Field Sample		Surface soil	Property	Soil	10	16	PLM-9002	B	<	1	ND	
1-02088	Highway 37 N Government Lot #4	3/28/2001	Field Sample		Surface soil	Property	Soil	10	16	PLM-9002	C		2	ND	
1-02089	Highway 37 N Government Lot #4	3/28/2001	Field Sample		Surface soil	Property	Soil	10	16	PLM-9002	A	ND		ND	
1-02090	Highway 37 N Government Lot #4	3/28/2001	Field Sample		Surface soil	Property	Soil	12	33	PLM-9002	B	<	1	ND	
1-02091	Highway 37 N Government Lot #4	3/28/2001	Field Sample		Surface soil	Property	Soil	12	16	PLM-9002	B	<	1	ND	
1-02092	Highway 37 N Government Lot #4	3/28/2001	Field Sample		Surface soil	Property	Soil	18	30	PLM-9002	A	ND		ND	

Notes and Definitions:
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LA = Libby Amphibole
ND = non-detect
% = percent
C = Chrysotile
PLM = polarized light microscopy
PLM-9002 = National Institute for Occupational Safety and Health 9002 method
< = less than

Table 2-23. Flyway Investigation Soil Sample Results – May to July 2001

Sample ID	Property Group (Location)	Sample Date	Category	Parent ID	Matrix	Sample Group	Location Description (Sub Location)	Top Depth (inches)	Bottom Depth (inches)	Analytical Results			
										Method	LA Bin	LA (%)	C (%)
1-02291	Kootenai River Bank	5/16/2001	Field Duplicate	1-02459	Surface soil	Kootenai River Bank	Soil	0	6	PLM-9002	A	ND	ND
1-02292	Kootenai River Bank	5/16/2001	Field Duplicate	1-02450	Surface soil	Kootenai River Bank	Soil	0	6	PLM-9002	A	ND	ND
1-02304	Kootenai River Bank	5/2/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	B	< 1	ND
1-02305	Kootenai River Bank	5/2/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	C	2	ND
1-02306	Kootenai River Bank	5/2/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	C	2	ND
1-02307	Kootenai River Bank	5/2/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	B	< 1	ND
1-02308	Kootenai River Bank	5/2/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	B	< 1	ND
1-02309	Kootenai River Bank	5/2/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	B	< 1	ND
1-02310	Kootenai River Bank	5/2/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	B	< 1	ND
1-02311	Kootenai River Bank	5/2/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	A	ND	ND
1-02312	Kootenai River Bank	5/2/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	A	ND	ND
1-02313	Kootenai River Bank	5/2/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	A	ND	ND
1-02314	Kootenai River Bank	5/2/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	B	< 1	ND
1-02345	Kootenai River Bank	5/4/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	B	< 1	ND
1-02346	Kootenai River Bank	5/4/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	B	< 1	ND
1-02347	Kootenai River Bank	5/4/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	B	< 1	ND
1-02348	Kootenai River Bank	5/4/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	C	2	ND
1-02349	Kootenai River Bank	5/4/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	B	< 1	ND
1-02350	Kootenai River Bank	5/4/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	B	< 1	ND
1-02351	Kootenai River Bank	5/4/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	B	< 1	ND
1-02352	Kootenai River Bank	5/4/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	B	< 1	ND
1-02353	Kootenai River Bank	5/4/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	B	< 1	ND
1-02354	Kootenai River Bank	5/4/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	A	ND	ND
1-02442	Kootenai River Bank	5/16/2001	Field Sample		Surface soil	Kootenai River Bank	Soil	0	6	PLM-9002	B	< 1	ND
1-02443	Kootenai River Bank	5/16/2001	Field Sample		Surface soil	Kootenai River Bank	Soil	0	6	PLM-9002	B	< 1	ND
1-02444	Kootenai River Bank	5/16/2001	Field Sample		Surface soil	Kootenai River Bank	Soil	0	6	PLM-9002	A	ND	ND
1-02445	Kootenai River Bank	5/16/2001	Field Sample		Surface soil	Kootenai River Bank	Soil	0	6	PLM-9002	A	ND	ND
1-02446	Kootenai River Bank	5/16/2001	Field Sample		Surface soil	Kootenai River Bank	Soil	0	6	PLM-9002	A	ND	ND
1-02447	Kootenai River Bank	5/16/2001	Field Sample		Surface soil	Kootenai River Bank	Soil	0	6	PLM-9002	A	ND	ND
1-02448	Kootenai River Bank	5/16/2001	Field Sample		Surface soil	Kootenai River Bank	Soil	0	6	PLM-9002	A	ND	ND
1-02449	Kootenai River Bank	5/16/2001	Field Sample		Surface soil	Kootenai River Bank	Soil	0	6	PLM-9002	A	ND	ND
1-02450	Kootenai River Bank	5/16/2001	Field Sample		Surface soil	Kootenai River Bank	Soil	0	6	PLM-9002	A	ND	ND
1-02451	Kootenai River Bank	5/16/2001	Field Sample		Surface soil	Kootenai River Bank	Soil	0	6	PLM-9002	A	ND	ND
1-02452	Kootenai River Bank	5/16/2001	Field Sample		Surface soil	Kootenai River Bank	Soil	0	6	PLM-9002	A	ND	ND
1-02453	Kootenai River Bank	5/16/2001	Field Sample		Surface soil	Kootenai River Bank	Soil	0	6	PLM-9002	A	ND	ND
1-02454	Kootenai River Bank	5/16/2001	Field Sample		Surface soil	Kootenai River Bank	Soil	0	6	PLM-9002	A	ND	ND
1-02455	Kootenai River Bank	5/16/2001	Field Sample		Surface soil	Kootenai River Bank	Soil	0	6	PLM-9002	B	< 1	ND
1-02456	Kootenai River Bank	5/16/2001	Field Sample		Surface soil	Kootenai River Bank	Soil	0	6	PLM-9002	B	< 1	ND
1-02457	Kootenai River Bank	5/16/2001	Field Sample		Surface soil	Kootenai River Bank	Soil	0	6	PLM-9002	B	< 1	ND
1-02458	Kootenai River Bank	5/16/2001	Field Sample		Surface soil	Kootenai River Bank	Soil	0	6	PLM-9002	B	< 1	ND
1-02459	Kootenai River Bank	5/16/2001	Field Sample		Surface soil	Kootenai River Bank	Soil	0	6	PLM-9002	B	< 1	ND
1-03180	Kootenai River Bank	7/28/2001	Field Duplicate	1-03288	Surface soil	Property		0	4	PLM-9002	A	ND	ND
1-03286	Kootenai River Bank	7/26/2001	Field Sample		Surface soil	Property		0	4	PLM-9002	A	ND	ND
1-03287	Kootenai River Bank	7/26/2001	Field Sample		Surface soil	Property	Surface Soil	0	4	PLM-9002	A	ND	ND
1-03288	Kootenai River Bank	7/26/2001	Field Sample		Surface soil	Property		0	4	PLM-9002	A	ND	ND
1-03289	Kootenai River Bank	7/26/2001	Field Sample		Surface soil	Property		0	4	PLM-9002	B	< 1	ND
1-02994	KDC Flyway	7/19/2001	Field Sample		Surface soil	Property	surface soil	0	4	PLM-9002	B	< 1	ND
1-02995	KDC Flyway	7/19/2001	Field Sample		Surface soil	Property	surface soil	0	4	PLM-9002	B	< 1	ND
1-02996	KDC Flyway	7/19/2001	Field Sample		Surface soil	Property	surface soil	0	4	PLM-9002	A	ND	ND
1-02997	KDC Flyway	7/19/2001	Field Sample		Surface soil	Property	surface soil	0	4	PLM-9002	A	ND	ND
1-02998	KDC Flyway	7/19/2001	Field Sample		Surface soil	Property	surface soil	0	4	PLM-9002	A	ND	ND
1-02999	KDC Flyway	7/19/2001	Field Sample		Surface soil	Property	surface soil	0	4	PLM-9002	B	< 1	ND
1-03000	KDC Flyway	7/19/2001	Field Sample		Surface soil	Property	surface soil	0	4	PLM-9002	B	< 1	ND

Table 2-23. Flyway Investigation Soil Sample Results – May to July 2001

Sample ID	Property Group (Location)	Sample Date	Category	Parent ID	Matrix	Sample Group	Location Description (Sub Location)	Top Depth (inches)	Bottom Depth (inches)	Analytical Results			
										Method	LA Bin	LA (%)	C (%)
1-03000	KDC Flyway	7/19/2001	Field Sample		Surface soil	Property	surface soil	0	4	PLM-9002	B	< 1	ND
1-03001	KDC Flyway	7/19/2001	Field Sample		Surface soil	Property	surface soil	0	4	PLM-9002	B	< 1	ND

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LA = Libby Amphibole

ND = non-detect

% = percent

C = Chrysotile

PLM = polarized light microscopy

PLM-9002 = National Institute for Occupational Safety and Health 9002 method

< = less than

Table 2-24. Flyway Removal-related Soil Sample Results – September 2001

Sample ID	Property Group (Location)	Sample Date	Category	Parent ID	Matrix	Sample Group	Location Description (Sub Location)	Top Depth (inches)	Bottom Depth (inches)	Analytical Results			
										Method	LA Bin	LA (%)	C (%)
1R-10521	KDC Flyway	9/14/2001	Field Sample		Surface soil	Property	vacant	0	2	PLM-9002	B	< 1	ND
1R-10522	KDC Flyway	9/14/2001	Field Sample		Surface soil	Property	vacant	0	2	PLM-9002	A	ND	ND
1R-10523	KDC Flyway	9/15/2001	Field Sample		Surface soil	Property	vacant	0	2	PLM-9002	A	ND	ND
1R-10524	KDC Flyway	9/15/2001	Field Sample		Surface soil	Property	vacant	0	2	PLM-9002	A	ND	ND
1R-10525	KDC Flyway	9/15/2001	Field Sample		Surface soil	Property	vacant	0	2	PLM-9002	A	ND	ND
1R-10526	KDC Flyway	9/15/2001	Field Sample		Surface soil	Property	vacant	0	2	PLM-9002	A	ND	ND
1R-10527	KDC Flyway	9/15/2001	Field Sample		Surface soil	Property	vacant	0	2	PLM-9002	A	ND	ND
1R-08538	KDC Flyway	9/18/2001	Field Sample		Surface soil	Property	vacant	0	2	PLM-9002	A	ND	ND
1R-08539	KDC Flyway	9/18/2001	Field Sample		Surface soil	Property	vacant	0	2	PLM-9002	A	ND	ND
1R-08540	KDC Flyway	9/22/2001	Field Sample		Surface soil	Property	sea horse	0	2	PLM-9002	A	ND	ND
1R-10528	KDC Flyway	9/18/2001	Field Sample		Surface soil	Property	vacant	0	2	PLM-9002	A	ND	ND
1R-10529	KDC Flyway	9/18/2001	Field Sample		Surface soil	Property	vacant	0	2	PLM-9002	A	ND	ND
1R-10530	KDC Flyway	9/22/2001	Field Sample		Surface soil	Property	sea horse	0	2	PLM-9002	A	ND	ND
1R-10531	KDC Flyway	9/22/2001	Field Sample		Surface soil	Property	sea horse	0	2	PLM-9002	A	ND	ND
1R-10532	KDC Flyway	9/22/2001	Field Sample		Surface soil	Property	sea horse	0	2	PLM-9002	A	ND	ND
1R-10533	KDC Flyway	9/22/2001	Field Sample		Surface soil	Property	sea horse	0	2	PLM-9002	A	ND	ND
1R-10535	KDC Flyway	9/27/2001	Field Sample		Surface soil	Property	sea horse	0	2	PLM-9002	A	ND	ND
1R-10536	KDC Flyway	9/27/2001	Field Sample		Surface soil	Property	sea horse	0	2	PLM-9002	A	ND	ND
1R-10537	KDC Flyway	9/27/2001	Field Sample		Surface soil	Property	sea horse	0	2	PLM-9002	A	ND	ND
1R-10538	KDC Flyway	9/27/2001	Field Sample		Surface soil	Property	sea horse	0	2	PLM-9002	B	< 1	ND
1R-10539	KDC Flyway	9/27/2001	Field Sample		Surface soil	Property	sea horse	0	2	PLM-9002	A	ND	ND

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LA = Libby Amphibole
ND = non-detect
% = percent
C = Chrysotile
PLM = polarized light microscopy
PLM-9002 = National Institute for Occupational Safety and Health 9002 method
< = less than

Table 2-25. Flyway Investigation Soil Sample Results – July 2003

Sample ID	Property Group (Location)	Sample Date	Category	Parent ID	Matrix	Sample Group	Location Description (Sub Location)	Top Depth (inches)	Bottom Depth (inches)	Analytical Results			
										Method	LA Bin	LA (%)	C (%)
1R-21543-B	KDC Flyway	7/12/2003	Field Sample		Surface soil	Property	Flyway F8	0	6	PLM-9002	A	ND	ND
1R-21544-B	KDC Flyway	7/12/2003	Field Sample		Surface soil	Property	Flyway G8	0	6	PLM-9002	A	ND	ND
1R-21548-B	KDC Flyway	7/12/2003	Field Sample		Surface soil	Property	Flyway J8S	0	6	PLM-9002	A	ND	ND
1R-21549-B	KDC Flyway	7/12/2003	Field Sample		Surface soil	Property	Flyway K8	0	6	PLM-9002	A	ND	ND
1R-21550-B	KDC Flyway	7/12/2003	Field Sample		Surface soil	Property	Flyway L8	0	6	PLM-9002	A	ND	ND
1R-21551-B	KDC Flyway	7/12/2003	Field Sample		Surface soil	Property	Flyway M8	0	6	PLM-9002	A	ND	ND
1R-21552-B	KDC Flyway	7/12/2003	Field Sample		Surface soil	Property	Flyway N8	0	6	PLM-9002	A	ND	ND
1R-21553-B	KDC Flyway	7/12/2003	Field Sample		Surface soil	Property	Flyway O8	0	6	PLM-9002	A	ND	ND
1R-21554-B	KDC Flyway	7/12/2003	Field Sample		Surface soil	Property	Flyway P8	0	6	PLM-9002	A	ND	ND
1R-21555-B	KDC Flyway	7/12/2003	Field Sample		Surface soil	Property	Flyway Q8	0	6	PLM-9002	A	ND	ND
1R-21556-B	KDC Flyway	7/12/2003	Field Sample		Surface soil	Property	Flyway R8	0	6	PLM-9002	A	ND	ND
1R-21557-B	KDC Flyway	7/12/2003	Field Sample		Surface soil	Property	Flyway S8	0	6	PLM-9002	A	ND	ND
1R-21558-B	KDC Flyway	7/12/2003	Field Sample		Surface soil	Property	Flyway S7	0	6	PLM-9002	A	ND	ND
1R-21559-B	KDC Flyway	7/12/2003	Field Duplicate	1R-21553	Surface soil	Property	Flyway O8	0	6	PLM-9002	A	ND	ND
1R-21560-B	KDC Flyway	7/12/2003	Field Sample		Surface soil	Property	Flyway S6	0	6	PLM-9002	A	ND	ND

Notes and Definitions:

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LA = Libby Amphibole

ND = non-detect

% = percent

C = Chrysotile

PLM = polarized light microscopy

PLM-9002 = National Institute for Occupational Safety and Health 9002 method

< = less than

Table 2-26. Flyway Removal-related Soil Sample Results – July to November 2004

Sample ID	Property Group (Location)	Sample Date	Category	Parent ID	Matrix	Sample Group	Location Description (Sub Location)	Top Depth (inches)	Bottom Depth (inches)	Analytical Results			
										Method	LA Bin	LA (%)	C (%)
1R-25762-B	KDC Flyway	7/19/2004	Field Duplicate	FL-00069	Surface soil	Property	B4-23	0	2	PLM-9002	A	ND	ND
1R-25763-B	KDC Flyway	7/19/2004	Field Duplicate	FL-00067	Surface soil	Property	B3-23	0	2	PLM-9002	A	ND	ND
1R-25764-B	KDC Flyway	7/19/2004	Field Duplicate	FL-00060	Surface soil	Property	B2-23	0	2	PLM-9002	B2	< 1	ND
1R-25771-B	KDC Flyway	7/27/2004	Field Duplicate	FL-00203	Surface soil	Property	C2-18	0	2	PLM-9002	A	ND	ND
1R-25772-B	KDC Flyway	7/27/2004	Field Duplicate	FL-00204	Surface soil	Property	C2-23	0	2	PLM-9002	A	ND	ND
1R-25773-B	KDC Flyway	7/27/2004	Prep Duplicate	FL-00200	Surface soil	Property	C2-3	0	2	PLM-9002	A	ND	ND
1R-25780-B	KDC Flyway	8/3/2004	Field Split	FL-00281	Surface soil	Property	Grid E5-15	0	2	PLM-9002	B2	< 1	ND
1R-25781-B	KDC Flyway	8/3/2004	Field Split	FL-00282	Surface soil	Property	Grid E5-14	0	2	PLM-9002	B2	< 1	ND
1R-25782-B	KDC Flyway	8/3/2004	Field Split	FL-00283	Surface soil	Property	Grid E5-13	0	2	PLM-9002	B2	< 1	ND
1R-25783-B	KDC Flyway	8/4/2004	Field Split	FL-00297	Surface soil	Property	C3-11	0	2	PLM-9002	B2	< 1	ND
1R-25784-B	KDC Flyway	8/4/2004	Field Split	FL-00298	Surface soil	Property	C3-12	0	2	PLM-9002	B2	< 1	ND
FL-00056-B	KDC Flyway	7/15/2004	Field Sample		Surface soil	Field	Grid A2-16	0	2	PLM-9002	A	ND	ND
FL-00057-B	KDC Flyway	7/15/2004	Field Sample		Surface soil	Field	Grid A2-22	0	2	PLM-9002	A	ND	ND
FL-00058-B	KDC Flyway	7/19/2004	Field Sample		Surface soil	Field	B2-3	0	2	PLM-9002	B2	< 1	ND
FL-00059-B	KDC Flyway	7/19/2004	Field Sample		Surface soil	Field	B2-8	0	2	PLM-9002	B2	< 1	ND
FL-00060-B	KDC Flyway	7/19/2004	Field Sample		Surface soil	Field	B2-13	0	2	PLM-9002	B2	< 1	ND
FL-00061-B	KDC Flyway	7/19/2004	Field Sample		Surface soil	Field	B2-15	0	2	PLM-9002	A	ND	ND
FL-00062-B	KDC Flyway	7/19/2004	Field Sample		Surface soil	Field	B2-23	0	2	PLM-9002	A	ND	ND
FL-00063-B	KDC Flyway	7/15/2004	Field Sample		Surface soil	Field	Grid B3-1	0	2	PLM-9002	A	ND	ND
FL-00064-B	KDC Flyway	7/15/2004	Field Sample		Surface soil	Field	Grid B3-7	0	2	PLM-9002	A	ND	ND
FL-00065-B	KDC Flyway	7/15/2004	Field Sample		Surface soil	Field	Grid B3-13	0	2	PLM-9002	A	ND	ND
FL-00066-B	KDC Flyway	7/19/2004	Field Sample		Surface soil	Field	B3-18	0	2	PLM-9002	B2	< 1	ND
FL-00067-B	KDC Flyway	7/19/2004	Field Sample		Surface soil	Field	B3-23	0	2	PLM-9002	B2	< 1	ND
FL-00068-B	KDC Flyway	7/19/2004	Field Sample		Surface soil	Field	B4-17	0	2	PLM-9002	A	ND	ND
FL-00069-B	KDC Flyway	7/19/2004	Field Sample		Surface soil	Field	B4-23	0	2	PLM-9002	A	ND	ND
FL-00118-B	KDC Flyway	7/21/2004	Field Sample		Surface soil	Field	C5-7	0	2	PLM-9002	A	ND	ND
FL-00119-B	KDC Flyway	7/21/2004	Field Sample		Surface soil	Field	C5-13	0	2	PLM-9002	A	ND	ND
FL-00120-B	KDC Flyway	7/21/2004	Field Sample		Surface soil	Field	C5-18	0	2	PLM-9002	A	ND	ND
FL-00121-B	KDC Flyway	7/21/2004	Field Sample		Surface soil	Field	C6-16	0	2	PLM-9002	A	ND	ND
FL-00122-B	KDC Flyway	7/21/2004	Field Sample		Surface soil	Field	C6-22	0	2	PLM-9002	A	ND	ND
FL-00123-B	KDC Flyway	7/21/2004	Field Sample		Surface soil	Field	C5-2	0	2	PLM-9002	A	ND	ND
FL-00124-B	KDC Flyway	7/21/2004	Field Sample		Surface soil	Field	C5-23	0	2	PLM-9002	A	ND	ND
FL-00125-B	KDC Flyway	7/21/2004	Field Sample		Surface soil	Field	B2-3	0	2	PLM-9002	A	ND	ND
FL-00126-B	KDC Flyway	7/21/2004	Field Sample		Surface soil	Field	B2-8	0	2	PLM-9002	B2	< 1	ND
FL-00127-B	KDC Flyway	7/21/2004	Field Sample		Surface soil	Field	B2-13	0	2	PLM-9002	A	ND	ND
FL-00128-B	KDC Flyway	7/21/2004	Field Sample		Surface soil	Field	B3-18	0	2	PLM-9002	B2	< 1	ND
FL-00129-B	KDC Flyway	7/21/2004	Field Sample		Surface soil	Field	B3-23	0	2	PLM-9002	A	ND	ND
FL-00130-B	KDC Flyway	7/21/2004	Field Sample		Surface soil	Field	B3-11	0	2	PLM-9002	B2	< 1	ND
FL-00131-B	KDC Flyway	7/21/2004	Field Sample		Surface soil	Field	C5-18	0	2	PLM-9002	A	ND	ND
FL-00132-B	KDC Flyway	7/21/2004	Field Sample		Surface soil	Field	B2-13	0	2	PLM-9002	A	ND	ND
FL-00144-B	KDC Flyway	7/22/2004	Field Sample		Surface soil	Field	C4-11	0	2	PLM-9002	A	ND	ND
FL-00145-B	KDC Flyway	7/22/2004	Field Sample		Surface soil	Field	C4-12	0	2	PLM-9002	A	ND	ND
FL-00146-B	KDC Flyway	7/22/2004	Field Sample		Surface soil	Field	C4-13	0	2	PLM-9002	A	ND	ND
FL-00147-B	KDC Flyway	7/22/2004	Field Sample		Surface soil	Field	C4-14	0	2	PLM-9002	A	ND	ND
FL-00148-B	KDC Flyway	7/22/2004	Field Sample		Surface soil	Field	C4-15	0	2	PLM-9002	A	ND	ND
FL-00179-B	KDC Flyway	7/26/2004	Field Sample		Surface soil	Field	B3-18	0	2	PLM-9002	A	ND	ND
FL-00180-B	KDC Flyway	7/26/2004	Field Sample		Surface soil	Field	B3-11	0	2	PLM-9002	A	ND	ND
FL-00181-B	KDC Flyway	7/26/2004	Field Sample		Surface soil	Field	D5-3	0	2	PLM-9002	A	ND	ND
FL-00182-B	KDC Flyway	7/26/2004	Field Sample		Surface soil	Field	D5-8	0	2	PLM-9002	A	ND	ND
FL-00183-B	KDC Flyway	7/26/2004	Field Sample		Surface soil	Field	D5-13	0	2	PLM-9002	A	ND	ND
FL-00184-B	KDC Flyway	7/26/2004	Field Sample		Surface soil	Field	D5-18	0	2	PLM-9002	A	ND	ND
FL-00185-B	KDC Flyway	7/26/2004	Field Sample		Surface soil	Field	D5-23	0	2	PLM-9002	C	2	ND
FL-00186-B	KDC Flyway	7/26/2004	Field Sample		Surface soil	Field	B2-23	0	2	PLM-9002	B2	< 1	ND

Table 2-26. Flyway Removal-related Soil Sample Results – July to November 2004

Sample ID	Property Group (Location)	Sample Date	Category	Parent ID	Matrix	Sample Group	Location Description (Sub Location)	Top Depth (inches)	Bottom Depth (inches)	Analytical Results				
										Method	LA Bin	LA (%)		
FL-00200-B	KDC Flyway	7/27/2004	Field Sample		Surface soil	Field	C2-3	0	2	PLM 9002	A	ND		
FL-00201-B	KDC Flyway	7/27/2004	Field Sample		Surface soil	Field	C2-8	0	2	PLM 9002	A	ND		
FL-00202-B	KDC Flyway	7/27/2004	Field Sample		Surface soil	Field	C2-13	0	2	PLM 9002	A	ND		
FL-00203-B	KDC Flyway	7/27/2004	Field Sample		Surface soil	Field	C2-18	0	2	PLM 9002	A	ND		
FL-00204-B	KDC Flyway	7/27/2004	Field Sample		Surface soil	Field	C2-23	0	2	PLM 9002	A	ND		
FL-00205-B	KDC Flyway	7/27/2004	Field Duplicate	FL-00200	Surface soil	Field	C2-3	0	2	PLM 9002	A	ND		
FL-00219-B	KDC Flyway	7/28/2004	Field Sample		Surface soil	Field	D4-3	0	2	PLM 9002	B2	<	1	
FL-00220-B	KDC Flyway	7/28/2004	Field Sample		Surface soil	Field	D4-8	0	2	PLM 9002	A	ND		
FL-00221-B	KDC Flyway	7/28/2004	Field Sample		Surface soil	Field	D4-13	0	2	PLM 9002	A	ND		
FL-00222-B	KDC Flyway	7/28/2004	Field Sample		Surface soil	Field	D4-18	0	2	PLM-9002	B2	<	1	
FL-00223-B	KDC Flyway	7/28/2004	Field Sample		Surface soil	Field	D4-23	0	2	PLM-9002	A	ND		
FL-00224-B	KDC Flyway	7/28/2004	Field Sample		Surface soil	Field	D5-23	0	2	PLM-9002	B2	<	1	
FL-00238-B	KDC Flyway	7/29/2004	Field Sample		Surface soil	Field	D4-3; Re-sample	0	2	PLM-9002	A	ND		
FL-00239-B	KDC Flyway	7/29/2004	Field Sample		Surface soil	Field	D4-18, Re-sample	0	2	PLM-9002	A	ND		
FL-00281-B	KDC Flyway	8/3/2004	Field Sample		Surface soil	Field	Grid E5-15	0	2	PLM 9002	A	ND		
FL-00282-B	KDC Flyway	8/3/2004	Field Sample		Surface soil	Field	Grid E5-14	0	2	PLM 9002	B2	<	1	
FL-00283-B	KDC Flyway	8/3/2004	Field Sample		Surface soil	Field	Grid E5-13	0	2	PLM-9002	B2	<	1	
FL-00297-B	KDC Flyway	8/4/2004	Field Sample		Surface soil	Field	Grid C3-11	0	2	PLM-9002	A	ND		
FL-00298-B	KDC Flyway	8/4/2004	Field Sample		Surface soil	Field	Grid C3-12	0	2	PLM-9002	B2	<	1	
FL-00299-B	KDC Flyway	8/4/2004	Field Sample		Surface soil	Field	Grid C3-13	0	2	PLM-9002	A	ND		
FL-00300-B	KDC Flyway	8/4/2004	Field Sample		Surface soil	Field	Grid C3-14	0	2	PLM-9002	A	ND		
FL-00301-B	KDC Flyway	8/4/2004	Field Sample		Surface soil	Field	Grid C3-15	0	2	PLM-9002	B2	<	1	
FL-00302-B	KDC Flyway	8/4/2004	Field Duplicate	FL-00299	Surface soil	Field	Grid C3-13	0	2	PLM-9002	B2	<	1	
FL-00316-B	KDC Flyway	8/5/2004	Field Sample		Surface soil	Field	Grid D2-3	0	2	PLM-9002	A	ND		
FL-00317-B	KDC Flyway	8/5/2004	Field Sample		Surface soil	Field	Grid D2-8	0	2	PLM-9002	A	ND		
FL-00318-B	KDC Flyway	8/5/2004	Field Sample		Surface soil	Field	Grid D2-13	0	2	PLM-9002	A	ND		
FL-00319-B	KDC Flyway	8/5/2004	Field Sample		Surface soil	Field	Grid D2-18	0	2	PLM-9002	A	ND		
FL-00320-B	KDC Flyway	8/5/2004	Field Sample		Surface soil	Field	Grid D2-23	0	2	PLM-9002	A	ND		
FL-00321-B	KDC Flyway	8/5/2004	Field Sample		Surface soil	Field	Grid E5-12	0	2	PLM-9002	C		1	
FL-00322-B	KDC Flyway	8/5/2004	Field Sample		Surface soil	Field	Grid E5-11	0	2	PLM-9002	B2	<	1	
FL-00336-B	KDC Flyway	8/6/2004	Field Sample		Surface soil	Field	Grid C3-12; Re-sample of FL-00298	0	2	PLM-9002	A	ND		
FL-00337-B	KDC Flyway	8/6/2004	Field Sample		Surface soil	Field	Grid C3-13; Re-sample of FL-00299	0	2	PLM-9002	A	ND		
FL-00338-B	KDC Flyway	8/6/2004	Field Sample		Surface soil	Field	Grid C3-15; Re-sample of FL-00301	0	2	PLM-9002	A	ND		
FL-00352-B	KDC Flyway	8/9/2004	Field Sample		Surface soil	Field	Grid E2-3	0	2	PLM-9002	A	ND		
FL-00353-B	KDC Flyway	8/9/2004	Field Sample		Surface soil	Field	Grid E2-8	0	2	PLM-9002	A	ND		
FL-00354-B	KDC Flyway	8/9/2004	Field Sample		Surface soil	Field	Grid E2-13	0	2	PLM-9002	A	ND		
FL-00355-B	KDC Flyway	8/9/2004	Field Sample		Surface soil	Field	Grid E2-18	0	2	PLM-9002	A	ND		
FL-00356-B	KDC Flyway	8/9/2004	Field Sample		Surface soil	Field	Grid E2-23	0	2	PLM-9002	A	ND		
FL-00370-B	KDC Flyway	8/10/2004	Field Sample		Surface soil	Field	Grid F2-3	0	2	PLM-9002	A	ND		
FL-00371-B	KDC Flyway	8/10/2004	Field Sample		Surface soil	Field	Grid F2-8	0	2	PLM-9002	A	ND		
FL-00372-B	KDC Flyway	8/10/2004	Field Sample		Surface soil	Field	Grid F2-13	0	2	PLM-9002	A	ND		
FL-00373-B	KDC Flyway	8/10/2004	Field Sample		Surface soil	Field	Grid F2-18	0	2	PLM-9002	A	ND		
FL-00374-B	KDC Flyway	8/10/2004	Field Duplicate	FL-00371	Surface soil	Field	Grid F2-8	0	2	PLM-9002	B2	<	1	
FL-00388-B	KDC Flyway	8/11/2004	Field Sample		Surface soil	Field	Grid E5-7; re-sample of FL-00321 (E5-7)	0	2	PLM-9002	A	ND		
FL-00389-B	KDC Flyway	8/11/2004	Field Sample		Surface soil	Field	Grid E5-6; Re-sample of FL 00322 (E5-11)	0	2	PLM-9002	B2	<	1	
FL-00405-B	KDC Flyway	8/12/2004	Field Sample		Surface soil	Field	Grid D3-11	0	2	PLM-9002	A	ND		
FL-00406-B	KDC Flyway	8/12/2004	Field Sample		Surface soil	Field	Grid D3-12	0	2	PLM-9002	A	ND		
FL-00407-B	KDC Flyway	8/12/2004	Field Sample		Surface soil	Field	Grid D3-13	0	2	PLM-9002	A	ND		

Table 2-26. Flyway Removal-related Soil Sample Results – July to November 2004

Sample ID	Property Group (Location)	Sample Date	Category	Parent ID	Matrix	Sample Group	Location Description (Sub Location)	Top Depth (inches)	Bottom Depth (inches)	Analytical Results					
										Method	LA Bin	LA (%)		C (%)	
FL-00408-B	KDC Flyway	8/12/2004	Field Sample		Surface soil	Field	Grid D3-14	0	2	PLM-9002	A	ND		ND	
FL-00409-B	KDC Flyway	8/12/2004	Field Sample		Surface soil	Field	Grid D3-15	0	2	PLM-9002	A	ND		ND	
FL-00410-B	KDC Flyway	8/12/2004	Field Sample		Surface soil	Field	Grid F2-8, other re-sample of FL-00371 & FI-00374	0	2	PLM-9002	A	ND		ND	
FL-00424-B	KDC Flyway	8/13/2004	Field Sample		Surface soil	Field	Grid E3-3	0	2	PLM-9002	B2	<	1	ND	
FL-00425-B	KDC Flyway	8/13/2004	Field Sample		Surface soil	Field	Grid E3-8	0	2	PLM-9002	A	ND		ND	
FL-00426-B	KDC Flyway	8/13/2004	Field Sample		Surface soil	Field	Grid E3-13	0	2	PLM-9002	A	ND		ND	
FL-00427-B	KDC Flyway	8/13/2004	Field Sample		Surface soil	Field	Grid E3-18	0	2	PLM-9002	A	ND		ND	
FL-00428-B	KDC Flyway	8/13/2004	Field Sample		Surface soil	Field	Grid E3-23	0	2	PLM-9002	A	ND		ND	
FL-00459-B	KDC Flyway	8/17/2004	Field Sample		Surface soil	Field	Grid E4-11	0	2	PLM-9002	B2	<	1	ND	
FL-00460-B	KDC Flyway	8/17/2004	Field Sample		Surface soil	Field	Grid E4-12	0	2	PLM-9002	B2	<	1	ND	
FL-00461-B	KDC Flyway	8/17/2004	Field Sample		Surface soil	Field	Grid E4-13	0	2	PLM-9002	B2	<	1	ND	
FL-00462-B	KDC Flyway	8/17/2004	Field Sample		Surface soil	Field	Grid E4-14	0	2	PLM-9002	B2	<	1	ND	
FL-00463-B	KDC Flyway	8/17/2004	Field Sample		Surface soil	Field	Grid E4-15	0	2	PLM-9002	B2	<	1	ND	
FL-00464-B	KDC Flyway	8/17/2004	Field Duplicate	FL-00463	Surface soil	Field	Grid E4-15	0	2	PLM-9002	B2	<	1	ND	
FL-00465-B	KDC Flyway	8/17/2004	Field Sample		Surface soil	Field	Grid E3-3	0	2	PLM-9002	B2	<	1	ND	
FL-00466-B	KDC Flyway	8/17/2004	Field Sample		Surface soil	Field	F5-2	0	2	PLM-9002	C		2	ND	
FL-00493-B	KDC Flyway	8/19/2004	Field Sample		Surface soil	Field	Grid E4-12; Re-sample of FL-00460	0	2	PLM-9002	A	ND		ND	
FL-00494-B	KDC Flyway	8/19/2004	Field Sample		Surface soil	Field	Grid E4-13; Re-sample of FL-00461	0	2	PLM-9002	A	ND		ND	
FL-00495-B	KDC Flyway	8/19/2004	Field Sample		Surface soil	Field	Grid E4-14; Re-sample of FL-00462	0	2	PLM-9002	A	ND		ND	
FL-00541-B	KDC Flyway	8/24/2004	Field Sample		Surface soil	Field	Grid F5-11	0	2	PLM-9002	B2	<	1	ND	
FL-00542-B	KDC Flyway	8/24/2004	Field Sample		Surface soil	Field	Grid F5-12	0	2	PLM-9002	B2	<	1	ND	
FL-00543-B	KDC Flyway	8/24/2004	Field Sample		Surface soil	Field	Grid F5-13	0	2	PLM-9002	B2	<	1	ND	
FL-00544-B	KDC Flyway	8/24/2004	Field Sample		Surface soil	Field	Grid F5-14	0	2	PLM-9002	B2	<	1	ND	
FL-00545-B	KDC Flyway	8/24/2004	Field Sample		Surface soil	Field	Grid F5-15	0	2	PLM-9002	B2	<	1	ND	
FL-00546-B	KDC Flyway	8/24/2004	Field Duplicate	FL-00543	Surface soil	Field	Fe-13	0	2	PLM-9002	B2	<	1	ND	
FL-00613-B	KDC Flyway	8/31/2004	Field Sample		Surface soil	Field	Grid F3-3	0	2	PLM-9002	A	ND		ND	
FL-00614-B	KDC Flyway	8/31/2004	Field Sample		Surface soil	Field	Grid F3-8	0	2	PLM-9002	B2	<	1	ND	
FL-00615-B	KDC Flyway	8/31/2004	Field Sample		Surface soil	Field	Grid F3-13	0	2	PLM-9002	B2	<	1	ND	
FL-00616-B	KDC Flyway	8/31/2004	Field Sample		Surface soil	Field	Grid F3-18	0	2	PLM-9002	B2	<	1	ND	
FL-00617-B	KDC Flyway	8/31/2004	Field Sample		Surface soil	Field	Grid F3-23	0	2	PLM-9002	B2	<	1	ND	
FL-00645-B	KDC Flyway	9/2/2004	Field Sample		Surface soil	Field	Grid G2-14	0	2	PLM-9002	B2	<	1	ND	
FL-00646-B	KDC Flyway	9/2/2004	Field Sample		Surface soil	Field	Grid G2-19	0	2	PLM-9002	B2	<	1	ND	
FL-00647-B	KDC Flyway	9/2/2004	Field Sample		Surface soil	Field	Grid G2-24	0	2	PLM-9002	B2	<	1	ND	
FL-00648-B	KDC Flyway	9/2/2004	Field Sample		Surface soil	Field	Grid H2-4	0	2	PLM-9002	B2	<	1	ND	
FL-00649-B	KDC Flyway	9/2/2004	Field Sample		Surface soil	Field	Grid H2-9	0	2	PLM-9002	B2	<	1	ND	
FL-00650-B	KDC Flyway	9/2/2004	Field Sample		Surface soil	Field	Grid H2-14	0	2	PLM-9002	B2	<	1	ND	
FL-00690-B	KDC Flyway	9/8/2004	Field Sample		Surface soil	Field	Grid H3-11	0	2	PLM-9002	B2	<	1	ND	
FL-00691-B	KDC Flyway	9/8/2004	Field Sample		Surface soil	Field	Grid H3-12	0	2	PLM-9002	B2	<	1	ND	
FL-00692-B	KDC Flyway	9/8/2004	Field Sample		Surface soil	Field	Grid H3-13	0	2	PLM-9002	B2	<	1	ND	
FL-00693-B	KDC Flyway	9/8/2004	Field Sample		Surface soil	Field	Grid H3-14	0	2	PLM-9002	B2	<	1	ND	
FL-00694-B	KDC Flyway	9/8/2004	Field Sample		Surface soil	Field	Grid H3-15	0	2	PLM-9002	B2	<	1	ND	
FL-00695-B	KDC Flyway	9/8/2004	Field Duplicate	FL-000694	Surface soil	Field	Grid H3-15	0	2	PLM-9002	B2	<	1	ND	
FL-00696-B	KDC Flyway	9/8/2004	Field Sample		Surface soil	Field	Grid G3-11	0	2	PLM-9002	B2	<	1	ND	
FL-00697-B	KDC Flyway	9/8/2004	Field Sample		Surface soil	Field	Grid G3-12	0	2	PLM-9002	B2	<	1	ND	
FL-00698-B	KDC Flyway	9/8/2004	Field Sample		Surface soil	Field	Grid G3-13	0	2	PLM-9002	B2	<	1	ND	
FL-00699-B	KDC Flyway	9/8/2004	Field Sample		Surface soil	Field	Grid G3-14	0	2	PLM-9002	B2	<	1	ND	
FL-00700-B	KDC Flyway	9/8/2004	Field Sample		Surface soil	Field	Grid G3-15	0	2	PLM-9002	B2	<	1	ND	
FL-00727-B	KDC Flyway	9/10/2004	Field Sample		Surface soil	Field	Grid F4-11	0	2	PLM-9002	B2	<	1	ND	

Table 2-26. Flyway Removal-related Soil Sample Results – July to November 2004

Sample ID	Property Group (Location)	Sample Date	Category	Parent ID	Matrix	Sample Group	Location Description (Sub Location)	Top Depth (inches)	Bottom Depth (inches)	Analytical Results				
										Method	LA Bin	LA (%)		C (%)
FL-00728-B	KDC Flyway	9/10/2004	Field Sample		Surface soil	Field	Grid F4-12	0	2	PLM-9002	B2	<	1	ND
FL-00729-B	KDC Flyway	9/10/2004	Field Sample		Surface soil	Field	Grid F4-13	0	2	PLM-9002	B2	<	1	ND
FL-00730-B	KDC Flyway	9/10/2004	Field Sample		Surface soil	Field	Grid F4-14	0	2	PLM-9002	B2	<	1	ND
FL-00731-B	KDC Flyway	9/10/2004	Field Sample		Surface soil	Field	Grid F4-15	0	2	PLM-9002	B2	<	1	ND
FL-00745-B	KDC Flyway	9/13/2004	Field Sample		Surface soil	Field	Grid F4-11, re-sample of FL-00127	0	2	PLM-9002	A	ND		ND
FL-00746-B	KDC Flyway	9/13/2004	Field Sample		Surface soil	Field	Grid F4-12, Resample o fFL-00728	0	2	PLM-9002	A	ND		ND
FL-00747-B	KDC Flyway	9/13/2004	Field Sample		Surface soil	Field	Grid F4-13, Resample of FL-00729	0	2	PLM-9002	B2	<	1	ND
FL-00761-B	KDC Flyway	9/14/2004	Field Sample		Surface soil	Field	Grid H4-3	0	2	PLM-9002	A	ND		ND
FL-00762-B	KDC Flyway	9/14/2004	Field Sample		Surface soil	Field	Grid H4-8	0	2	PLM-9002	B2	<	1	ND
FL-00763-B	KDC Flyway	9/14/2004	Field Sample		Surface soil	Field	Grid H4-13	0	2	PLM-9002	B2	<	1	ND
FL-00764-B	KDC Flyway	9/14/2004	Field Sample		Surface soil	Field	Grid H4-18	0	2	PLM-9002	B2	<	1	ND
FL-00765-B	KDC Flyway	9/14/2004	Field Sample		Surface soil	Field	Grid H4-23	0	2	PLM-9002	A	ND		ND
FL-00766-B	KDC Flyway	9/14/2004	Field Duplicate	FL-00765	Surface soil	Field	Grid H4-23	0	2	PLM-9002	A	ND		ND
FL-00767-B	KDC Flyway	9/14/2004	Field Sample		Surface soil	Field	Grid I5-3	0	2	PLM-9002	B2	<	1	ND
FL-00768-B	KDC Flyway	9/14/2004	Field Sample		Surface soil	Field	Grid I5-8	0	2	PLM-9002	B2	<	1	ND
FL-00769-B	KDC Flyway	9/14/2004	Field Sample		Surface soil	Field	Grid I5-13	0	2	PLM-9002	B2	<	1	ND
FL-00770-B	KDC Flyway	9/14/2004	Field Sample		Surface soil	Field	Grid I5-18	0	2	PLM-9002	B2	<	1	ND
FL-00771-B	KDC Flyway	9/14/2004	Field Sample		Surface soil	Field	Grid I5-23	0	2	PLM-9002	C		2	ND
FL-00785-B	KDC Flyway	9/15/2004	Field Sample		Surface soil	Field	Grid H4-8, Re-sample of FL-00762	0	2	PLM-9002	B2	<	1	ND
FL-00786-B	KDC Flyway	9/15/2004	Field Sample		Surface soil	Field	Grid H4-14; Re-sample of FL-00763	0	2	PLM-9002	B2	<	1	ND
FL-00787-B	KDC Flyway	9/15/2004	Field Sample		Surface soil	Field	Grid H4-19; Re-sample of FL-00764	0	2	PLM-9002	B2	<	1	ND
FL-00815-B	KDC Flyway	9/17/2004	Field Sample		Surface soil	Field	Grid H5-2	0	2	PLM-9002	A	ND		ND
FL-00816-B	KDC Flyway	9/17/2004	Field Sample		Surface soil	Field	Grid H5-7	0	2	PLM-9002	B2	<	1	ND
FL-00817-B	KDC Flyway	9/17/2004	Field Sample		Surface soil	Field	Grid H5-12	0	2	PLM-9002	A	ND		ND
FL-00818-B	KDC Flyway	9/17/2004	Field Sample		Surface soil	Field	Grid H5-18	0	2	PLM-9002	B2	<	1	ND
FL-00819-B	KDC Flyway	9/17/2004	Field Sample		Surface soil	Field	Grid H5-23	0	2	PLM-9002	B2	<	1	ND
FL-00820-B	KDC Flyway	9/17/2004	Field Duplicate	fl-00818	Surface soil	Field	Grid H5-18	0	2	PLM-9002	B2	<	1	ND
FL-00821-B	KDC Flyway	9/17/2004	Field Sample		Surface soil	Field	Grid I5-3	0	2	PLM-9002	B2	<	1	ND
FL-00822-B	KDC Flyway	9/17/2004	Field Sample		Surface soil	Field	Grid I5 8	0	2	PLM-9002	B2	<	1	ND
FL-00823-B	KDC Flyway	9/17/2004	Field Sample		Surface soil	Field	Grid I5-13	0	2	PLM 9002	B2	<	1	ND
FL-00824-B	KDC Flyway	9/17/2004	Field Sample		Surface soil	Field	Grid I5-18	0	2	PLM-9002	B2	<	1	ND
FL-00825-B	KDC Flyway	9/17/2004	Field Sample		Surface soil	Field	Grid I5-23	0	2	PLM-9002	C		2	ND
FL-00853-B	KDC Flyway	9/21/2004	Field Sample		Surface soil	Field	Grid I5-25	0	2	PLM-9002	C		2	ND
FL-00854-B	KDC Flyway	9/21/2004	Field Sample		Surface soil	Field	Grid I5-24	0	2	PLM-9002	B2	<	1	ND
FL-00855-B	KDC Flyway	9/21/2004	Field Sample		Surface soil	Field	Grid I5-23	0	2	PLM-9002	A	ND		ND
FL-00856-B	KDC Flyway	9/21/2004	Field Sample		Surface soil	Field	Grid I5-22	0	2	PLM-9002	A	ND		ND
FL-00857-B	KDC Flyway	9/21/2004	Field Sample		Surface soil	Field	Grid H6-3	0	2	PLM-9002	B2	<	1	ND
FL-00858-B	KDC Flyway	9/21/2004	Field Sample		Surface soil	Field	Grid H6-8	0	2	PLM-9002	B2	<	1	ND
FL-00859-B	KDC Flyway	9/21/2004	Field Sample		Surface soil	Field	Grid H6-13	0	2	PLM-9002	B2	<	1	ND
FL-00860-B	KDC Flyway	9/21/2004	Field Sample		Surface soil	Field	Grid H6-18	0	2	PLM-9002	B2	<	1	ND
FL-00861-B	KDC Flyway	9/21/2004	Field Sample		Surface soil	Field	Grid H6-23	0	2	PLM-9002	B2	<	1	ND
FL-00875-B	KDC Flyway	9/22/2004	Field Sample		Surface soil	Field	Grid I7-11	0	2	PLM-9002	B2	<	1	ND
FL-00876-B	KDC Flyway	9/22/2004	Field Sample		Surface soil	Field	Grid I7-12	0	2	PLM-9002	B2	<	1	ND
FL-00877-B	KDC Flyway	9/22/2004	Field Sample		Surface soil	Field	Grid I7-13	0	2	PLM-9002	B2	<	1	ND
FL-00878-B	KDC Flyway	9/22/2004	Field Sample		Surface soil	Field	Grid I7-14	0	2	PLM-9002	B2	<	1	ND
FL-00879-B	KDC Flyway	9/22/2004	Field Sample		Surface soil	Field	Grid I7-15	0	2	PLM-9002	B2	<	1	ND
FL-00880-B	KDC Flyway	9/22/2004	Field Duplicate	fl-00876	Surface soil	Field	Grid I7-12	0	2	PLM-9002	B2	<	1	ND

Table 2-26. Flyway Removal-related Soil Sample Results – July to November 2004

Sample ID	Property Group (Location)	Sample Date	Category	Parent ID	Matrix	Sample Group	Location Description (Sub Location)	Top Depth (inches)	Bottom Depth (inches)	Analytical Results			
										Method	LA Bin	LA (%)	C (%)
FL-00881-B	KDC Flyway	9/22/2004	Field Sample		Surface soil	Field	Grid I6 3	0	2	PLM-9002	B2	< 1	ND
FL-00882-B	KDC Flyway	9/22/2004	Field Sample		Surface soil	Field	Grid I6-14	0	2	PLM-9002	B2	< 1	ND
FL-00883-B	KDC Flyway	9/22/2004	Field Sample		Surface soil	Field	Grid I6-15	0	2	PLM 9002	B2	< 1	ND
FL-00897-B	KDC Flyway	9/23/2004	Field Sample		Surface soil	Field	Grid H7-11	0	2	PLM-9002	B2	< 1	ND
FL-00898 B	KDC Flyway	9/23/2004	Field Sample		Surface soil	Field	Grid H7-12	0	2	PLM 9002	C	2	ND
FL-00899-B	KDC Flyway	9/23/2004	Field Sample		Surface soil	Field	Grid H7-13	0	2	PLM-9002	B2	< 1	ND
FL-00900-B	KDC Flyway	9/23/2004	Field Sample		Surface soil	Field	Grid H7-14	0	2	PLM-9002	B2	< 1	ND
FL-00901-B	KDC Flyway	9/23/2004	Field Sample		Surface soil	Field	Grid H7-15	0	2	PLM-9002	C	2	ND
FL-00902-B	KDC Flyway	9/23/2004	Field Sample		Surface soil	Field	Grid H5-4	0	2	PLM-9002	B2	< 1	ND
FL-00903-B	KDC Flyway	9/23/2004	Field Sample		Surface soil	Field	Grid H5-15	0	2	PLM-9002	B2	< 1	ND
FL-00930-B	KDC Flyway	9/27/2004	Field Sample		Surface soil	Field	Grid H7-7	0	2	PLM-9002	B2	< 1	ND
FL-00931-B	KDC Flyway	9/27/2004	Field Sample		Surface soil	Field	Grid H7-17	0	2	PLM-9002	B2	< 1	ND
FL-00932-B	KDC Flyway	9/27/2004	Field Sample		Surface soil	Field	Grid H7-10	0	2	PLM-9002	B2	< 1	ND
FL-00933-B	KDC Flyway	9/27/2004	Field Sample		Surface soil	Field	Grid H7-25	0	2	PLM-9002	B2	< 1	ND
FL-00985-B	KDC Flyway	9/30/2004	Field Sample		Surface soil	Field	Grid G6-3	0	2	PLM-9002	B2	< 1	ND
FL-00986-B	KDC Flyway	9/30/2004	Field Sample		Surface soil	Field	Grid G6 8	0	2	PLM-9002	B2	< 1	ND
FL-00987-B	KDC Flyway	9/30/2004	Field Sample		Surface soil	Field	Grid G6-13	0	2	PLM-9002	B2	< 1	ND
FL-00988-B	KDC Flyway	9/30/2004	Field Sample		Surface soil	Field	Grid G6-18	0	2	PLM-9002	B2	< 1	ND
FL-00989 B	KDC Flyway	9/30/2004	Field Sample		Surface soil	Field	Grid G6-23	0	2	PLM-9002	B2	< 1	ND
FL-01017-B	KDC Flyway	10/4/2004	Field Sample		Surface soil	Field	Grid E7-11	0	2	PLM-9002	B2	< 1	ND
FL-01018-B	KDC Flyway	10/4/2004	Field Sample		Surface soil	Field	Grid E7-12	0	2	PLM-9002	B2	< 1	ND
FL-01019-B	KDC Flyway	10/4/2004	Field Sample		Surface soil	Field	Grid E7-13	0	2	PLM-9002	B2	< 1	ND
FL-01020-B	KDC Flyway	10/4/2004	Field Sample		Surface soil	Field	Grid E7-14	0	2	PLM-9002	B2	< 1	ND
FL-01021-B	KDC Flyway	10/4/2004	Field Sample		Surface soil	Field	Grid E7-15	0	2	PLM-9002	B2	< 1	ND
FL-01035-B	KDC Flyway	10/5/2004	Field Sample		Surface soil	Field	Grid F7-11, re-sample	0	2	PLM-9002	B2	< 1	ND
FL-01036-B	KDC Flyway	10/5/2004	Field Sample		Surface soil	Field	Grid F7-12, re-sample	0	2	PLM-9002	A	ND	ND
FL-01037-B	KDC Flyway	10/5/2004	Field Sample		Surface soil	Field	Grid F7-14, re-sample	0	2	PLM-9002	B2	< 1	ND
FL-01038-B	KDC Flyway	10/5/2004	Field Sample		Surface soil	Field	Grid F7-15, re-sample	0	2	PLM-9002	B2	< 1	ND
FL-01052-B	KDC Flyway	10/6/2004	Field Sample		Surface soil	Field	Grid G7-11, re-sample of FL-000967	0	2	PLM-9002	B2	< 1	ND
FL-01053-B	KDC Flyway	10/6/2004	Field Sample		Surface soil	Field	Grid G7-12, re-sample of FL-000968	0	2	PLM-9002	B2	< 1	ND
FL-01054-B	KDC Flyway	10/6/2004	Field Sample		Surface soil	Field	Grid G7-13, re-sample of FL-00969	0	2	PLM-9002	B2	< 1	ND
FL-01055-B	KDC Flyway	10/6/2004	Field Sample		Surface soil	Field	Grid G7-15	0	2	PLM-9002	B2	< 1	ND
FL-01083-B	KDC Flyway	10/8/2004	Field Sample		Surface soil	Field	Grid D6	0	2	PLM-9002	B2	< 1	ND
FL-01084-B	KDC Flyway	10/8/2004	Field Sample		Surface soil	Field	Grid D6	0	2	PLM-9002	B2	< 1	ND
FL-01085-B	KDC Flyway	10/8/2004	Field Sample		Surface soil	Field	Grid D6	0	2	PLM-9002	B2	< 1	ND
FL-01086-B	KDC Flyway	10/8/2004	Field Sample		Surface soil	Field	Grid F6-3, other 1-3	0	2	PLM-9002	B2	< 1	ND
FL-01087-B	KDC Flyway	10/8/2004	Field Sample		Surface soil	Field	Grid F6-8, other 6-8	0	2	PLM-9002	B2	< 1	ND
FL-01088-B	KDC Flyway	10/8/2004	Field Sample		Surface soil	Field	Grid F6-13, other 11-12	0	2	PLM-9002	A	ND	ND
FL-01089-B	KDC Flyway	10/8/2004	Field Sample		Surface soil	Field	Grid F6-18, other 16	0	2	PLM-9002	B2	< 1	ND
FL-01090-B	KDC Flyway	10/8/2004	Field Sample		Surface soil	Field	Grid F6-23, other-upper W. corner of 21	0	2	PLM-9002	B2	< 1	ND
FL-01091-B	KDC Flyway	10/8/2004	Field Sample		Surface soil	Field	Grid F6-3, other-Lower E of 4 & all of 5	0	2	PLM-9002	B2	< 1	ND
FL-01092-B	KDC Flyway	10/8/2004	Field Sample		Surface soil	Field	Grid F6-8, other 9-10	0	2	PLM-9002	B2	< 1	ND
FL-01093-B	KDC Flyway	10/8/2004	Field Sample		Surface soil	Field	Grid F6-13, other-lower E. 13, all of 14 & 15	0	2	PLM-9002	B2	< 1	ND
FL-01094-B	KDC Flyway	10/8/2004	Field Sample		Surface soil	Field	Grid F6-18, other 18-20	0	2	PLM 9002	B2	< 1	ND
FL-01095-B	KDC Flyway	10/8/2004	Field Sample		Surface soil	Field	Grid F6-23, other-Upper W. corner of 21, all of	0	2	PLM-9002	A	ND	ND
FL-01109-B	KDC Flyway	10/11/2004	Field Sample		Surface soil	Field	Grid E6-3, other 1-3	0	2	PLM-9002	A	ND	ND

Table 2-26. Flyway Removal-related Soil Sample Results – July to November 2004

Sample ID	Property Group (Location)	Sample Date	Category	Parent ID	Matrix	Sample Group	Location Description (Sub Location)	Top Depth (inches)	Bottom Depth (inches)	Analytical Results				
										Method	LA Bin	LA (%)		LA (%)
FL-01110-B	KDC Flyway	10/11/2004	Field Sample		Surface soil	Field	Grid E6 8, other 6 8	0	2	PLM 9002	A	ND		ND
FL-01111-B	KDC Flyway	10/11/2004	Field Sample		Surface soil	Field	Grid E6 13, other 11-13	0	2	PLM 9002	B2	<	1	ND
FL-01112-B	KDC Flyway	10/11/2004	Field Sample		Surface soil	Field	Grid E6 18, 16-18	0	2	PLM-9002	B2	<	1	ND
FL-01113-B	KDC Flyway	10/11/2004	Field Sample		Surface soil	Field	Grid E6 23, other 21 23	0	2	PLM 9002	B2	<	1	ND
FL-01114-B	KDC Flyway	10/11/2004	Field Sample		Surface soil	Field	Grid F6-14, other 4,9,14,19 & 24	0	2	PLM 9002	B2	<	1	ND
FL-01115-B	KDC Flyway	10/11/2004	Field Sample		Surface soil	Field	Grid E6-15, other 5, 10, 15, 20 & 25	0	2	PLM 9002	B2	<	1	ND
FL-01116-B	KDC Flyway	10/11/2004	Field Sample		Surface soil	Field	Grid E6-14, other 4,9,14 19 & 24	0	2	PLM 9002	B2	<	1	ND
FL-01157-B	KDC Flyway	10/14/2004	Field Sample		Surface soil	Field	Grid D7-3, other 1-3	0	2	PLM 9002	B2	<	1	ND
FL-01158-B	KDC Flyway	10/14/2004	Field Sample		Surface soil	Field	Grid D7-8, other 6-9	0	2	PLM-9002	B2	<	1	ND
FL-01159-B	KDC Flyway	10/14/2004	Field Sample		Surface soil	Field	Grid D7-13	0	2	PLM 9002	B2	<	1	ND
FL-01160-B	KDC Flyway	10/14/2004	Field Sample		Surface soil	Field	Grid D7-18	0	2	PLM-9002	B2	<	1	ND
FL-01161-B	KDC Flyway	10/14/2004	Field Sample		Surface soil	Field	Grid D7-23	0	2	PLM-9002	B2	<	1	ND
FL-01188-B	KDC Flyway	10/18/2004	Field Sample		Surface soil	Field	Grid D6 3	0	2	PLM-9002	B2	<	1	ND
FL-01189-B	KDC Flyway	10/18/2004	Field Sample		Surface soil	Field	Grid D6-8	0	2	PLM-9002	A	ND		ND
FL-01190-B	KDC Flyway	10/18/2004	Field Sample		Surface soil	Field	Grid D6-13	0	2	PLM-9002	B2	<	1	ND
FL-01191-B	KDC Flyway	10/18/2004	Field Sample		Surface soil	Field	Grid D6-18	0	2	PLM-9002	A	ND		ND
FL-01192-B	KDC Flyway	10/18/2004	Field Sample		Surface soil	Field	Grid D6-23	0	2	PLM-9002	A	ND		ND
FL-01193-B	KDC Flyway	10/18/2004	Field Sample		Surface soil	Field	Grid C7-23, other 21-23	0	2	PLM-9002	A	ND		ND
FL-01207-B	KDC Flyway	10/19/2004	Field Sample		Surface soil	Field	Grid I6-11	0	2	PLM-9002	B2	<	1	ND
FL-01208-B	KDC Flyway	10/19/2004	Field Sample		Surface soil	Field	Grid I6-12	0	2	PLM-9002	B2	<	1	ND
FL-01209-B	KDC Flyway	10/19/2004	Field Sample		Surface soil	Field	Grid I6-13, other 13, 18 & 23	0	2	PLM-9002	B2	<	1	ND
FL-01210-B	KDC Flyway	10/19/2004	Field Sample		Surface soil	Field	Grid I5-25	0	2	PLM-9002	C		3	ND
FL-01211-B	KDC Flyway	10/19/2004	Field Sample		Surface soil	Field	Grid J5-5, other 4 & 5	0	2	PLM-9002	C		5	ND
FL-01212-B	KDC Flyway	10/19/2004	Field Sample		Surface soil	Field	Grid J6-1	0	2	PLM-9002	C		1	ND
FL-01213-B	KDC Flyway	10/19/2004	Field Sample		Surface soil	Field	Grid J6-2, other 2 & 7	0	2	PLM-9002	B2	<	1	ND
FL-01214-B	KDC Flyway	10/19/2004	Field Sample		Surface soil	Field	Grid J6-3, other 3, 8 & 13	0	2	PLM-9002	B2	<	1	ND
FL-01215-B	KDC Flyway	10/19/2004	Field Duplicate	FL-01209	Surface soil	Field	Grid I6-13, other 13, 18 & 23	0	2	PLM-9002	B2	<	1	ND
FL-01216-B	KDC Flyway	10/19/2004	Field Sample		Surface soil	Field	Grid G4-3	0	2	PLM-9002	A	ND		ND
FL-01217-B	KDC Flyway	10/19/2004	Field Sample		Surface soil	Field	Grid G4-8	0	2	PLM-9002	A	ND		ND
FL-01218-B	KDC Flyway	10/19/2004	Field Sample		Surface soil	Field	Grid G4-13	0	2	PLM-9002	B2	<	1	ND
FL-01219-B	KDC Flyway	10/19/2004	Field Sample		Surface soil	Field	Grid G4-18	0	2	PLM-9002	A	ND		ND
FL-01220-B	KDC Flyway	10/19/2004	Field Sample		Surface soil	Field	Grid G4-23	0	2	PLM-9002	A	ND		ND
FL-01262-B	KDC Flyway	10/22/2004	Field Sample		Surface soil	Field	Grid G5-3	0	2	PLM-9002	B2	<	1	ND
FL-01263-B	KDC Flyway	10/22/2004	Field Sample		Surface soil	Field	Grid G5-8	0	2	PLM-9002	A	ND		ND
FL-01264-B	KDC Flyway	10/22/2004	Field Sample		Surface soil	Field	Grid G5-13	0	2	PLM-9002	A	ND		ND
FL-01265-B	KDC Flyway	10/22/2004	Field Sample		Surface soil	Field	Grid G5-18	0	2	PLM-9002	A	ND		ND
FL-01266-B	KDC Flyway	10/22/2004	Field Sample		Surface soil	Field	Grid G5-23	0	2	PLM-9002	A	ND		ND
FL-01267-B	KDC Flyway	10/22/2004	Field Sample		Surface soil	Field	Grid H5-14, other 3,9,14,19&25	0	2	PLM-9002	A	ND		ND
FL-01268-B	KDC Flyway	10/22/2004	Field Sample		Surface soil	Field	Grid I6-13, other 1,7,13,19&24	0	2	PLM-9002	A	ND		ND
FL-01295-B	KDC Flyway	10/26/2004	Field Sample		Surface soil	Field	Grid F-6	0	2	PLM-9002	A	ND		ND
FL-01296-B	KDC Flyway	10/26/2004	Field Sample		Surface soil	Field	Grid E-6	0	2	PLM-9002	A	ND		ND
FL-01297-B	KDC Flyway	10/26/2004	Field Sample		Surface soil	Field	Grid D-6	0	2	PLM-9002	A	ND		ND
FL-01298-B	KDC Flyway	10/26/2004	Field Sample		Surface soil	Field	Grid C-6	0	2	PLM-9002	A	ND		ND
FL-01312-B	KDC Flyway	10/27/2004	Field Sample		Surface soil	Field	Grid Q3-5	0	2	PLM-9002	A	ND		ND
FL-01313-B	KDC Flyway	10/27/2004	Field Sample		Surface soil	Field	Grid P3-3	0	2	PLM-9002	A	ND		ND

Table 2-26. Flyway Removal-related Soil Sample Results – July to November 2004

Sample ID	Property Group (Location)	Sample Date	Category	Parent ID	Matrix	Sample Group	Location Description (Sub Location)	Top Depth (inches)	Bottom Depth (inches)	Analytical Results			
										Method	LA Bin	LA (%)	C (%)
FL-01314-B	KDC Flyway	10/27/2004	Field Sample		Surface soil	Field	Grid P3-8	0	2	PLM-9002	A	ND	ND
FL-01315-B	KDC Flyway	10/27/2004	Field Sample		Surface soil	Field	Grid P3-13	0	2	PLM-9002	A	ND	ND
FL-01316-B	KDC Flyway	10/27/2004	Field Sample		Surface soil	Field	Grid P3-18	0	2	PLM-9002	A	ND	ND
FL-01317-B	KDC Flyway	10/27/2004	Field Sample		Surface soil	Field	Grid P3-23	0	2	PLM-9002	A	ND	ND
FL-01318-B	KDC Flyway	10/27/2004	Field Sample		Surface soil	Field	Grid O3-3	0	2	PLM-9002	A	ND	ND
FL-01319-B	KDC Flyway	10/27/2004	Field Sample		Surface soil	Field	Grid O3-8	0	2	PLM-9002	A	ND	ND
FL-01320-B	KDC Flyway	10/27/2004	Field Sample		Surface soil	Field	Grid O3-13	0	2	PLM-9002	A	ND	ND
FL-01321-B	KDC Flyway	10/27/2004	Field Sample		Surface soil	Field	Grid O3-18	0	2	PLM-9002	A	ND	ND
FL-01322-B	KDC Flyway	10/27/2004	Field Sample		Surface soil	Field	Grid O3-23	0	2	PLM-9002	A	ND	ND
FL-01323-B	KDC Flyway	10/27/2004	Field Duplicate	FL-01312	Surface soil	Field	Grid Q3-5	0	2	PLM-9002	A	ND	ND
FL-01337-B	KDC Flyway	10/28/2004	Field Sample		Surface soil	Field	Grid O4-3	0	2	PLM-9002	A	ND	ND
FL-01338-B	KDC Flyway	10/28/2004	Field Sample		Surface soil	Field	Grid O4-8	0	2	PLM-9002	A	ND	ND
FL-01339-B	KDC Flyway	10/28/2004	Field Sample		Surface soil	Field	Grid O4-13	0	2	PLM-9002	A	ND	ND
FL-01340-B	KDC Flyway	10/28/2004	Field Sample		Surface soil	Field	Grid O4-18	0	2	PLM-9002	A	ND	ND
FL-01341-B	KDC Flyway	10/28/2004	Field Sample		Surface soil	Field	Grid O4-23	0	2	PLM-9002	A	ND	ND
FL-01355-B	KDC Flyway	10/29/2004	Field Sample		Surface soil	Field	Grid N4-11	0	2	PLM-9002	A	ND	ND
FL-01356-B	KDC Flyway	10/29/2004	Field Sample		Surface soil	Field	Grid N4-12	0	2	PLM-9002	A	ND	ND
FL-01357-B	KDC Flyway	10/29/2004	Field Sample		Surface soil	Field	Grid N4-13	0	2	PLM-9002	A	ND	ND
FL-01358-B	KDC Flyway	10/29/2004	Field Sample		Surface soil	Field	Grid N4-14	0	2	PLM-9002	A	ND	ND
FL-01359-B	KDC Flyway	10/29/2004	Field Sample		Surface soil	Field	Grid N4-15	0	2	PLM-9002	A	ND	ND
FL-01360-B*	KDC Flyway	11/4/2004	Field Sample		Surface soil	Field		0	2	PLM-9002	B2	< 1	ND

Notes and Definitions:
The report excludes all lab quality control results, such as those associated with Lab Blanks, Lab Duplicates, Re-Preparation, Re-count Same, Re-count Different, Verified Analysis, etc.
LA = Libby Amphibole
ND = non-detect
% = percent
C = Chrysotile
PLM = polarized light microscopy
PLM-9002 = National Institute for Occupational Safety and Health 9002 method
< = less than
* = Coordinate data are not available for these samples; therefore, sample locations are not presented graphically in this report

Table 2-27. Flyway Investigation Soil Sample Results – June 2005

Sample ID	Property Group (Location)	Sample Date	Category	Parent ID	Matrix	Sample Group	Location Description (Sub Location)	Top Depth (inches)	Bottom Depth (inches)	Analytical Results					
										Method	LA Bin	LA (%)		C (%)	
CS-20301-B	Highway 37 N (Wise Property)	6/1/2005	Field Sample		Surface soil	Road	R07A	0	1	PLM-9002	B2	<	1	ND	
CS-20302-B	Highway 37 N (Wise Property)	6/1/2005	Field Sample		Surface soil	Road	R07B	0	1	PLM-9002	B2	<	1	ND	
CS-20303-B	Highway 37 N (Wise Property)	6/1/2005	Field Sample		Surface soil	Road	R06A	0	1	PLM-9002	B2	<	1	ND	
CS-20304-B	Highway 37 N (Wise Property)	6/1/2005	Field Sample		Surface soil	Road	R06B	0	1	PLM-9002	A	ND		ND	
CS-20305-B	Highway 37 N (Wise Property)	6/1/2005	Field Sample		Surface soil	Road	R05A	0	1	PLM-9002	B2	<	1	ND	
CS-20306-B	Highway 37 N (Wise Property)	6/1/2005	Field Sample		Surface soil	Road	R05B	0	1	PLM-9002	A	ND		ND	
CS-20307-B	Highway 37 N (Wise Property)	6/1/2005	Field Sample		Surface soil	Road	R04A	0	1	PLM-9002	B2	<	1	ND	
CS-20308-B	Highway 37 N (Wise Property)	6/1/2005	Field Sample		Surface soil	Road	R04B	0	1	PLM-9002	A	ND		ND	
CS-20309-B	Highway 37 N (Wise Property)	6/1/2005	Field Sample		Surface soil	Road	R03A	0	1	PLM-9002	B2	<	1	ND	
CS-20310-B	Highway 37 N (Wise Property)	6/1/2005	Field Sample		Surface soil	Road	R03B	0	1	PLM-9002	A	ND		ND	
CS-20311-B	Highway 37 N (Wise Property)	6/1/2005	Field Sample		Surface soil	Road	R02	0	1	PLM-9002	B2	<	1	ND	
CS-20312-B	Highway 37 N (Wise Property)	6/1/2005	Field Sample		Surface soil	Road	R01	0	1	PLM-9002	B2	<	1	ND	

Notes and Definitions:
The report excludes all lab quality control results, such as those associated with Lab Blanks, Lab Duplicates, Re-Preparation, Re-count Same, Re-count Different, Verified Analysis, etc.
LA = Libby Amphibole
ND = non-detect
% = percent
C = Chrysotile
PLM = polarized light microscopy
PLM-9002 = National Institute for Occupational Safety and Health 9002 method
< = less than

Table 2-28. Flyway Removal-related Soil Sample Results – June 2005

Sample ID	Property Group (Location)	Sample Date	Category	Parent ID	Matrix	Sample Group	Location Description (Sub Location)	Top Depth (inches)	Bottom Depth (inches)	Analytical Results			
										Method	LA Bin	LA (%)	C (%)
1R-30768-B	Highway 37 N (Wise Property)	6/10/2005	Field Sample		Surface soil	Property	S. of decon pad	0	2	PLM-9002	A	ND	ND
1R-30869-B	Highway 37 N (Wise Property)	6/10/2005	Field Sample		Surface soil	Property	S. of decon pad	0	2	PLM-9002	A	ND	ND
1R-30926-B	Highway 37 N (Wise Property)	6/21/2005	Field Sample		Surface soil	Property	KDC Right of Way (row)	12	14	PLM-9002	A	ND	ND
1R-30927-B	Highway 37 N (Wise Property)	6/21/2005	Field Sample		Surface soil	Property	KDC ROW	3	5	PLM-9002	C	2	ND
1R-30928-B	Highway 37 N (Wise Property)	6/21/2005	Field Sample		Surface soil	Property	KDC ROW	3	5	PLM-9002	B2	< 1	ND
1R-30938-B	Highway 37 N (Wise Property)	6/22/2005	Field Sample		Surface soil	Property	KDC Right of Way (row)	3	5	PLM-9002	A	ND	ND
1R-30939-B	Highway 37 N (Wise Property)	6/22/2005	Field Sample		Surface soil	Property	KDC ROW	3	5	PLM-9002	B2	< 1	ND
1R-30940-B	Highway 37 N (Wise Property)	6/22/2005	Field Sample		Surface soil	Property	KDC ROW	3	5	PLM-9002	B2	< 1	ND
1R-30941-B	Highway 37 N (Wise Property)	6/22/2005	Field Sample		Surface soil	Property	KDC Right-of-way	2	4	PLM-9002	C	1	ND
1R-30960-B	Highway 37 N (Wise Property)	6/29/2005	Field Sample		Surface soil	Stockpile	KDC S row stockpile	12	12	PLM-9002	C	3	ND

Notes and Definitions:

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LA = Libby Amphibole

ND = non-detect

% = percent

C = Chrysotile

PLM = polarized light microscopy

PLM-9002 = National Institute for Occupational Safety and Health 9002 method

< = less than

Table 2-29. Wise Property Investigation Soil Sample Results – April 2000

Sample ID	Property Group (Location)	Sample Date	Category	Parent ID	Matrix	Sample Group	Location Description (Sub Location)	Top Depth (inches)	Bottom Depth (inches)	Analytical Results			
										Method	LA Bin	LA (%)	C (%)
1-01197	Highway 37 N (Wise Property)	4/7/2000	Field Sample		Mining waste	Property		0	2	PLM-9002	C	2	ND
1-01198	Highway 37 N (Wise Property)	4/7/2000	Field Sample		Mining waste	Property		0	2	PLM-9002	C	2	ND
1-01199	Highway 37 N (Wise Property)	4/7/2000	Field Sample		Mining waste	Property		0	12	PLM-9002	C	2	ND
1-01200	Highway 37 N (Wise Property)	4/7/2000	Field Sample		Mining waste	Property		0	6	PLM-9002	C	2	ND
1-01201	Highway 37 N (Wise Property)	4/7/2000	Field Sample		Mining waste	Property		0	12	PLM-9002	C	5	ND
1-01202	Highway 37 N (Wise Property)	4/7/2000	Field Sample		Surface soil	Yard	Yard Soil	0	2	PLM-9002	B	< 1	ND
1-01203	Highway 37 N (Wise Property)	4/7/2000	Field Sample		Mining waste	Property		0	2	PLM-9002	C	5	ND
1-01204	Highway 37 N (Wise Property)	4/7/2000	Field Sample		Mining waste	Property		0	6	PLM-9002	C	3	ND
1-01205	Highway 37 N (Wise Property)	4/7/2000	Field Sample		Surface soil	Yard	Yard Soil	0	2	PLM-9002	B	< 1	ND
1-01206	Highway 37 N (Wise Property)	4/7/2000	Field Sample		Mining waste	Property		0	6	PLM-9002	C	3	ND
1-01207	Highway 37 N (Wise Property)	4/7/2000	Field Sample		Surface soil	Property	Yard Soil	0	2	PLM-9002	B	< 1	ND
1-01208	Highway 37 N (Wise Property)	4/7/2000	Field Sample		Surface soil	Yard	Yard Soil	0	2	PLM-9002	B	< 1	ND

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LA = Libby Amphibole
ND = non-detect
% = percent
C = Chrysotile
PLM = polarized light microscopy
PLM-9002 = National Institute for Occupational Safety and Health 9002 method
< = less than

Table 2-30. Wise Property Removal-related Soil Sample Results – June 2005

Sample ID	Property Group (Location)	Sample Date	Category	Parent ID	Matrix	Sample Group	Location Description (Sub Location)	Top Depth (inches)	Bottom Depth (inches)	Analytical Results			
										Method	LA Bin	LA (%)	C (%)
1R-30754-B	Highway 37 N (Wise Property)	6/8/2005	Field Sample		Surface soil	Property	Berm near Hwy 37	0	2	PLM-9002	A	ND	ND
1R-30755-B	Highway 37 N (Wise Property)	6/8/2005	Field Sample		Surface soil	Property	Berm near Hwy 37	0	2	PLM-9002	A	ND	ND
1R-30756-B	Highway 37 N (Wise Property)	6/8/2005	Field Sample		Surface soil	Property	Berm near Hwy 37	0	2	PLM-9002	A	ND	ND
1R-30787-B	Highway 37 N (Wise Property)	6/10/2005	Field Sample		Surface soil	Property	S. of decon pad	0	2	PLM-9002	A	ND	ND
1R-30880-B	Highway 37 N (Wise Property)	6/14/2005	Field Sample		Surface soil	Property	N. Wise property	12	14	PLM-9002	B2	< 1	ND
1R-30881-B	Highway 37 N (Wise Property)	6/14/2005	Field Sample		Surface soil	Property	N. gate approach	12	14	PLM-9002	A	ND	ND
1R-30882-B	Highway 37 N (Wise Property)	6/14/2005	Field Sample		Surface soil	Property	(S) N. gate approach	12	14	PLM-9002	A	ND	ND
1R-30888-B	Highway 37 N (Wise Property)	6/15/2005	Field Sample		Surface soil	Property	Wise Prop.	12	14	PLM-9002	A	ND	ND
1R-30889-B	Highway 37 N (Wise Property)	6/15/2005	Field Sample		Surface soil	Property	Wise Prop.	12	14	PLM-9002	A	ND	ND
1R-30890-B	Highway 37 N (Wise Property)	6/15/2005	Field Sample		Surface soil	Property	Wise Prop.	12	14	PLM-9002	A	ND	ND
1R-30891-B	Highway 37 N (Wise Property)	6/15/2005	Field Sample		Surface soil	Property	Wise Prop.	12	14	PLM-9002	A	ND	ND
1R-30897-B	Highway 37 N (Wise Property)	6/16/2005	Field Sample		Surface soil	Property	Wise Property	12	14	PLM-9002	A	ND	ND
1R-30903-B	Highway 37 N (Wise Property)	6/17/2005	Field Sample		Surface soil	Property	Wise prop.	12	14	PLM-9002	A	ND	ND
1R-30904-B	Highway 37 N (Wise Property)	6/17/2005	Field Sample		Surface soil	Property	Wise prop.	12	14	PLM-9002	A	ND	ND
1R-30905-B	Highway 37 N (Wise Property)	6/17/2005	Field Sample		Surface soil	Property	Wise prop.	12	14	PLM-9002	A	ND	ND
1R-30906-B	Highway 37 N (Wise Property)	6/17/2005	Field Sample		Surface soil	Property	Wise prop.	12	14	PLM-9002	A	ND	ND
1R-30916-B	Highway 37 N (Wise Property)	6/20/2005	Field Sample		Surface soil	Property	Wise property	12	14	PLM-9002	A	ND	ND

Notes and Definitions:
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LA = Libby Amphibole
ND = non-detect
% = percent
C = Chrysotile
PLM = polarized light microscopy
PLM-9002 = National Institute for Occupational Safety and Health 9002 method
< = less than

Table 2-31. Rainy Creek Road Frontages - Investigation Soil Sample Results - May 2003

Sample ID	Property Group (Location)	Sample Date	Category	Parent ID	Matrix	Sample Group	Location Description (Sub Location)	Top Depth (inches)	Bottom Depth (inches)	Analytical Results					
										Method	LA Bin	LA (%)		C (%)	
CS-12077-C	Rainy Creek Rd (S Frontage)	5/17/2003	Field Sample		Surface soil	Property	Grid A	0	6	PLM-Grav	A	ND		ND	
CS-12077-FG	Rainy Creek Rd (S Frontage)	5/17/2003	Field Sample		Surface soil	Property	Grid A	0	6	PLM-VE	B1	TR		ND	
CS-12078-C	Rainy Creek Rd (S Frontage)	5/17/2003	Field Sample		Surface soil	Property	Grid B	0	6	PLM-Grav	A	ND		ND	
CS-12078-FG	Rainy Creek Rd (S Frontage)	5/17/2003	Field Sample		Surface soil	Property	Grid B	0	6	PLM-VE	B1	TR		ND	
CS-12079-C	Rainy Creek Rd (S Frontage)	5/17/2003	Field Sample		Surface soil	Property	Grid C	0	6	PLM-Grav	B1		0.001	ND	
CS-12079-FG	Rainy Creek Rd (S Frontage)	5/17/2003	Field Sample		Surface soil	Property	Grid C	0	6	PLM-VE	B1	TR		ND	
CS-12080-C	Rainy Creek Rd (S Frontage)	5/17/2003	Field Sample		Surface soil	Property	Grid D	0	6	PLM-Grav	A	ND		ND	
CS-12080-FG	Rainy Creek Rd (S Frontage)	5/17/2003	Field Sample		Surface soil	Property	Grid D	0	6	PLM-VE	B1	TR		ND	
CS-12081-C	Rainy Creek Rd (S Frontage)	5/17/2003	Field Sample		Surface soil	Property	Grid E	0	6	PLM-Grav	A	ND		ND	
CS-12081-FG	Rainy Creek Rd (S Frontage)	5/17/2003	Field Sample		Surface soil	Property	Grid E	0	6	PLM-VE	B1	TR		ND	
CS-12082-C	Rainy Creek Rd (S Frontage)	5/17/2003	Field Sample		Surface soil	Property	Grid F	0	6	PLM-Grav	A	ND		ND	
CS-12082-FG	Rainy Creek Rd (S Frontage)	5/17/2003	Field Sample		Surface soil	Property	Grid F	0	6	PLM-VE	B1	TR		ND	
CS-12083-C	Rainy Creek Rd (N Frontage)	5/17/2003	Field Sample		Surface soil	Property	Grid G	0	6	PLM-Grav	A	ND		ND	
CS-12083-FG	Rainy Creek Rd (N Frontage)	5/17/2003	Field Sample		Surface soil	Property	Grid G	0	6	PLM-VE	B1	TR		ND	
CS-12084-C	Rainy Creek Rd (N Frontage)	5/17/2003	Field Duplicate	cs-12083	Surface soil	Property	Grid G	0	6	PLM-Grav	B1		0.001	ND	
CS-12084-FG	Rainy Creek Rd (N Frontage)	5/17/2003	Field Duplicate	cs-12083	Surface soil	Property	Grid G	0	6	PLM-VE	B2	<	1	ND	
CS-12085-C	Rainy Creek Rd (N Frontage)	5/17/2003	Field Sample		Surface soil	Property	Grid H	0	6	PLM-Grav	A	ND		ND	
CS-12085-FG	Rainy Creek Rd (N Frontage)	5/17/2003	Field Sample		Surface soil	Property	Grid H	0	6	PLM-VE	B1	TR		ND	
CS-12086-C	Rainy Creek Rd (N Frontage)	5/17/2003	Field Sample		Surface soil	Property	Grid I	0	6	PLM-Grav	A	ND		ND	
CS-12086-FG	Rainy Creek Rd (N Frontage)	5/17/2003	Field Sample		Surface soil	Property	Grid I	0	6	PLM-VE	B1	TR		ND	
CS-12087-C	Rainy Creek Rd (N Frontage)	5/17/2003	Field Sample		Surface soil	Property	Grid J	0	6	PLM-Grav	B1		0.001	ND	
CS-12087-FG	Rainy Creek Rd (N Frontage)	5/17/2003	Field Sample		Surface soil	Property	Grid J	0	6	PLM-VE	B1	TR		ND	
CS-12088-C	Rainy Creek Rd (N Frontage)	5/17/2003	Field Sample		Surface soil	Property	Grid K	0	6	PLM-Grav	A	ND		ND	
CS-12088-FG	Rainy Creek Rd (N Frontage)	5/17/2003	Field Sample		Surface soil	Property	Grid K	0	6	PLM-VE	A	ND		ND	
CS-12089-C	Rainy Creek Rd (N Frontage)	5/17/2003	Field Sample		Surface soil	Property	Grid L	0	6	PLM-Grav	A	ND		ND	
CS-12089-FG	Rainy Creek Rd (N Frontage)	5/17/2003	Field Sample		Surface soil	Property	Grid L	0	6	PLM-VE	A	ND		ND	
CS-12090-C	Rainy Creek Rd (N Frontage)	5/17/2003	Field Sample		Surface soil	Property	Grid M	0	6	PLM-Grav	A	ND		ND	
CS-12090-FG	Rainy Creek Rd (N Frontage)	5/17/2003	Field Sample		Surface soil	Property	Grid M	0	6	PLM-VE	B1	TR		ND	
CS-12091-C	Rainy Creek Rd (N Frontage)	5/17/2003	Field Sample		Surface soil	Property	Grid N	0	6	PLM-Grav	A	ND		ND	
CS-12091-FG	Rainy Creek Rd (N Frontage)	5/17/2003	Field Sample		Surface soil	Property	Grid N	0	6	PLM-VE	A	ND		ND	
CS-12092-C	Rainy Creek Rd (N Frontage)	5/17/2003	Field Sample		Surface soil	Property	Grid O	0	6	PLM-Grav	A	ND		ND	
CS-12092-FG	Rainy Creek Rd (N Frontage)	5/17/2003	Field Sample		Surface soil	Property	Grid O	0	6	PLM-VE	B1	TR		ND	
CS-12093-C	Rainy Creek Rd (N Frontage)	5/17/2003	Field Sample		Surface soil	Property	Grid P	0	6	PLM-Grav	A	ND		ND	
CS-12093-FG	Rainy Creek Rd (N Frontage)	5/17/2003	Field Sample		Surface soil	Property	Grid P	0	6	PLM-VE	B1	TR		ND	

Notes and Definitions:

The report excludes all lab quality control results, such as those associated with Lab Blanks, Lab Duplicates, Re-Preparation, Re-count Same, Re-count Different, Verified Analysis, etc.

FG suffix in Sample ID = fine ground sample portion

C suffix in Sample ID = coarse sample portion

LA = Libby Amphibole

ND = non-detect

% = percent

C = Chrysotile

PLM = polarized light microscopy

PLM-9002 = National Institute for Occupational Safety and Health 9002 method

PLM-Grav = gravimetric method

PLM-VE = visual estimation method

< = less than

Table 2-32. Rainy Creek Road Frontages Removal-related Soil Sample Results - November 2003

Sample ID	Property Group (Location)	Sample Date	Category	Parent ID	Matrix	Sample Group	Location Description (Sub Location)	Top Depth (inches)	Bottom Depth (inches)	Analytical Results				
										Method	LA Bin	LA (%)	C (%)	
1R-24095-B*	Rainy Creek Rd (N Frontage)	11/10/2003	Field Sample		Surface soil	Property	Ditch N side mine road	0	2	PLM-9002	B2	< 1	ND	

Notes and Definitions:

The report excludes all lab quality control results, such as those associated with Lab Blanks, Lab Duplicates, Re-Preparation, Re-count Same, Re-count Different, Verified Analysis, etc.

B suffix in Sample ID = non-processed sample

LA = Libby Amphibole

ND = non-detect

% = percent

C = Chrysotile

PLM = polarized light microscopy

PLM-9002 = National Institute for Occupational Safety and Health 9002 method

< = less than

* = Coordinate data are not available for these samples; therefore, sample locations are not presented graphically in this report.

Table 2-33. Rainy Creek Road Frontages Removal-related Soil Sample Results - August and October 2004

Sample ID	Property Group (Location)	Sample Date	Category	Parent ID	Matrix	Sample Group	Location Description (Sub Location)	Top Depth (inches)	Bottom Depth (inches)	Analytical Results					
										Method	LA Bin	LA (%)		C (%)	
1R-26138-B	5000 Highway 37 N	8/12/2004	Field Sample		Surface soil	Property	See DWG D-1; Removal area B	0	2	PLM-9002	A	ND		ND	
1R-26139-B	5000 Highway 37 N	8/11/2004	Field Sample		Surface soil	Property	See DWG D-1; Removal Area B	0	2	PLM-9002	A	ND		ND	
1R-26148	Rainy Creek Rd (S Frontage)	8/16/2004	Field Sample		Surface soil	Property	J on map	0	2	PLM-9002	C		1	ND	
1R-26149	Rainy Creek Rd (S Frontage)	8/16/2004	Field Sample		Surface soil	Property	K on map	0	2	PLM-9002	C		2	ND	
1R-26150	Rainy Creek Rd (S Frontage)	8/16/2004	Field Sample		Surface soil	Property	L on map	0	2	PLM-9002	C		3	ND	
1R-26151	Rainy Creek Rd (S Frontage)	8/16/2004	Field Sample		Surface soil	Property	M on map	0	2	PLM-9002	C		1	ND	
1R-26212	Rainy Creek Rd (S Frontage)	8/20/2004	Field Sample		Surface soil	Property	1 on revised D-1 map	0	2	PLM-9002	B2	<	1	ND	
1R-26213	Rainy Creek Rd (S Frontage)	8/20/2004	Field Sample		Surface soil	Property	2 on revised D-1 map	0	2	PLM-9002	B2	<	1	ND	
1R-26214	Rainy Creek Rd (S Frontage)	8/20/2004	Field Sample		Surface soil	Property	3 on revised D-1 map	0	2	PLM-9002	B2	<	1	ND	
1R-26215	Rainy Creek Rd (S Frontage)	8/20/2004	Field Sample		Surface soil	Property	4 on revised D-1 map	0	2	PLM-9002	B2	<	1	ND	
1R-26216	Rainy Creek Rd (S Frontage)	8/20/2004	Field Sample		Surface soil	Property	5 on revised D-1 map	0	2	PLM-9002	B2	<	1	ND	
1R-26217	Rainy Creek Rd (S Frontage)	8/20/2004	Field Sample		Surface soil	Property	6 on revised D-1 map	0	2	PLM-9002	B2	<	1	ND	
1R-26218	Rainy Creek Rd (S Frontage)	8/20/2004	Field Sample		Surface soil	Property	7 on revised D-1 map	0	2	PLM-9002	B2	<	1	ND	
1R-26219	Rainy Creek Rd (S Frontage)	8/20/2004	Field Sample		Surface soil	Property	8 on revised D-1 map	0	2	PLM-9002	B2	<	1	ND	
1R-26300	Rainy Creek Rd (S Frontage)	8/20/2004	Field Sample		Surface soil	Property	9 on revised D-1 map	0	2	PLM-9002	C		1	ND	
1R-26350-B	Rainy Creek Rd (N Frontage)	8/31/2004	Field Sample		Surface soil	Property	#11 on revised D-1	0	2	PLM-9002	A	ND		ND	
1R-26351-B	Rainy Creek Rd (N Frontage)	8/31/2004	Field Sample		Surface soil	Property	#12 on revised D-1	0	2	PLM-9002	B2	<	1	ND	
1R-26352-B	Rainy Creek Rd (N Frontage)	8/31/2004	Field Sample		Surface soil	Property	#13 on revised D-1	0	2	PLM-9002	B2	<	1	ND	
1R-26353-B	Rainy Creek Rd (N Frontage)	8/31/2004	Field Sample		Surface soil	Property	#14 on revised D-1	0	2	PLM-9002	B2	<	1	ND	
1R-26354-B	Rainy Creek Rd (N Frontage)	8/31/2004	Field Sample		Surface soil	Property	#15 on revised D-1	0	2	PLM-9002	B2	<	1	ND	
1R-26355-B	Rainy Creek Rd (N Frontage)	8/31/2004	Field Sample		Surface soil	Property	#16 on revised D-1	0	2	PLM-9002	B2	<	1	ND	
1R-26356-B	Rainy Creek Rd (N Frontage)	8/31/2004	Field Sample		Surface soil	Property	#17 on revised D-1	0	2	PLM-9002	B2	<	1	ND	
1R-26357-B	Rainy Creek Rd (N Frontage)	8/31/2004	Field Sample		Surface soil	Property	#18 on revised D-1	0	2	PLM-9002	C		2	ND	
1R-26358-B	Rainy Creek Rd (N Frontage)	8/31/2004	Field Sample		Surface soil	Property	#19 on revised D-1	0	2	PLM-9002	B2	<	1	ND	
1R-26359-B	Rainy Creek Rd (N Frontage)	8/31/2004	Field Sample		Surface soil	Property	#20 on revised D-1	0	2	PLM-9002	B2	<	1	ND	

Table 2-33. Rainy Creek Road Frontages Removal-related Soil Sample Results - August and October 2004

Sample ID	Property Group (Location)	Sample Date	Category	Parent ID	Matrix	Sample Group	Location Description (Sub Location)	Top Depth (inches)	Bottom Depth (inches)	Analytical Results			
										Method	LA Bin	LA (%)	C (%)
1R-27148	Rainy Creek Rd (S Frontage)	10/5/2004	Field Sample		Surface soil	Property	21 on revised D-1	0	2	PLM-9002	B2	< 1	ND
1R-27269	Rainy Creek Rd (S Frontage)	10/5/2004	Field Sample		Surface soil	Property	22 on revised D-1	0	2	PLM-9002	B2	< 1	ND
1R-27270	Rainy Creek Rd (S Frontage)	10/5/2004	Field Sample		Surface soil	Property	23 on revised D-1	0	2	PLM-9002	B2	< 1	ND

Notes and Definitions:
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B suffix in Sample ID = non-processed sample
LA = Libby Amphibole
ND = non-detect
% = percent
C = Chrysotile
PLM = polarized light microscopy
PLM-9002 = National Institute for Occupational Safety and Health 9002 method
< = less than

Table 2-34. Rainy Creek Road Frontages Removal-related Soil Sample Results - August 2006

Sample ID	Property Group (Location)	Sample Date	Category	Parent ID	Matrix	Sample Group	Location Description (Sub Location)	Top Depth (inches)	Bottom Depth (inches)	Analytical Results					
										Method	LA Bin	LA (%)		C (%)	
1-08351-B*	Rainy Creek Rd (N Frontage)	8/9/2006	Field Sample		Stockpile	Property	Waterline N. side Hwy 37w	0	2	PLM-9002	C		1	ND	

Notes and Definitions:
The report excludes all lab quality control results, such as those associated with Lab Blanks, Lab Duplicates, Re-Preparation, Re-count Same, Re-count Different, Verified Analysis, etc.
B suffix in Sample ID = non-processed sample
LA = Libby Amphibole
ND = non-detect
% = percent
C = Chrysotile
PLM = polarized light microscopy
PLM-9002 = National Institute for Occupational Safety and Health 9002 method
< = less than
* = Coordinate data are not available for these samples; therefore, sample locations are not presented graphically in this report.

Table 2-35. Kootenai Bluffs Subdivision Investigation Soil Sample Results – December 1999

Sample ID	Property Group (Location)	Sample Date	Category	Parent ID	Matrix	Sample Group	Location Description (Sub Location)	Top Depth (inches)	Bottom Depth (inches)	Analytical Results			
										Method	LA Bin	LA (%)	C (%)
D-00001-B	Conveyor Unloading Station	12/11/1999	Field Sample		Surface soil	Property	Soil	0	2	PLM-9002	B2	< 1	ND
D-00002-B	Conveyor Unloading Station	12/11/1999	Field Sample		Surface soil	Property	Soil	0	2	PLM-9002	B2	< 1	ND
D-00003-B	Conveyor Unloading Station	12/11/1999	Field Sample		Surface soil	Property	Soil	0	2	PLM-9002	B2	< 1	ND
D-00004-B	Conveyor Unloading Station	12/11/1999	Field Sample		Surface soil	Property	Soil	0	2	PLM-9002	B2	< 1	ND
D-00005-B	Conveyor Unloading Station	12/11/1999	Field Sample		Surface soil	Property	Soil	0	2	PLM-9002	B2	< 1	ND
D-00006-B	Conveyor Unloading Station	12/11/1999	Field Sample		Surface soil	Property	Soil	0	2	PLM-9002	B2	< 1	ND
D-00007-B	Conveyor Unloading Station	12/11/1999	Field Sample		Surface soil	Property	Soil	0	2	PLM-9002	B2	< 1	ND
D-00008-B	Conveyor Unloading Station	12/11/1999	Field Sample		Surface soil	Property	Soil	0	2	PLM-9002	B2	< 1	ND
D-00009-B	Conveyor Unloading Station	12/11/1999	Field Sample		Surface soil	Property	Soil	0	2	PLM-9002	B2	< 1	ND
D-00010-B	Conveyor Unloading Station	12/11/1999	Field Sample		Surface soil	Property	Soil	0	2	PLM-9002	A	ND	ND
D-00011-B	Conveyor Unloading Station	12/11/1999	Field Sample		Surface soil	Property	Soil	0	2	PLM-9002	B2	< 1	ND
D-00012-B	Conveyor Unloading Station	12/11/1999	Field Sample		Surface soil	Property	Soil	0	2	PLM-9002	B2	< 1	ND
D-00013-B	Conveyor Unloading Station	12/11/1999	Field Sample		Surface soil	Property	Soil	0	2	PLM-9002	B2	< 1	ND
D-00014-B	Conveyor Unloading Station	12/11/1999	Field Sample		Surface soil	Property	Soil	0	2	PLM-9002	C	2	ND
D-00015-B	Conveyor Unloading Station	12/11/1999	Field Sample		Surface soil	Property	Soil	0	2	PLM-9002	B2	< 1	ND
D-00016-B	Conveyor Unloading Station	12/11/1999	Field Sample		Surface soil	Property	Soil	0	2	PLM-9002	B2	< 1	ND
D-00017-B	Conveyor Unloading Station	12/11/1999	Field Sample		Surface soil	Property	Soil	0	2	PLM-9002	B2	< 1	ND
D-00018-B	Conveyor Unloading Station	12/11/1999	Field Sample		Surface soil	Property	Soil	0	2	PLM-9002	B2	< 1	ND
D-00019-B	Conveyor Unloading Station	12/11/1999	Field Sample		Surface soil	Property	Soil	0	2	PLM-9002	B2	< 1	ND
D-00020-B	Conveyor Unloading Station	12/11/1999	Field Sample		Surface soil	Property	Soil	0	2	PLM-9002	A	ND	ND
D-00021-B	Conveyor Unloading Station	12/11/1999	Field Sample		Surface soil	Property	Soil	0	2	PLM-9002	B2	< 1	ND
D-00022-B	Conveyor Unloading Station	12/11/1999	Field Sample		Surface soil	Property	Soil	2	12	PLM-9002	B2	< 1	ND
D-00023-B	Conveyor Unloading Station	12/11/1999	Field Sample		Surface soil	Property	Soil	0	2	PLM-9002	B2	< 1	ND
D-00024-B	Conveyor Unloading Station	12/11/1999	Field Sample		Surface soil	Property	Soil	2	12	PLM-9002	B2	< 1	ND
D-00025-B	Conveyor Unloading Station	12/11/1999	Field Duplicate	D-00020	Surface soil	Property	Soil	0	2	PLM-9002	A	ND	ND
D-00026-B	Conveyor Unloading Station	12/11/1999	Field Duplicate	D-00004	Surface soil	Property	Soil	0	2	PLM-9002	B2	< 1	ND
D-00027-B	Conveyor Unloading Station	12/11/1999	Field Duplicate	D-00013	Surface soil	Property	Soil	0	2	PLM-9002	B2	< 1	ND

Notes and Definitions:

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B suffix in Sample ID = non-processed sample

LA = Libby Amphibole

ND = non-detect

% = percent

C = Chrysotile

PLM = polarized light microscopy

PLM-9002 = National Institute for Occupational Safety and Health 9002 method

< = less than

Table 2-36. Kootenai Bluffs Subdivision Investigation Soil Sample Results – March 2000

Sample ID	Property Group (Location)	Sample Date	Category	Parent ID	Matrix	Sample Group	Location Description (Sub Location)	Top Depth (inches)	Bottom Depth (inches)	Analytical Results				
										Method	LA Bin	LA (%)	C (%)	
1-00200	KDC Bluffs Subdivision	3/9/2000	Field Sample		Surface soil	Property	Soil	0	2	PLM-9002	B	< 1	ND	
1-00201	KDC Bluffs Subdivision	3/9/2000	Field Sample		Surface soil	Property	Soil	2	12	PLM-9002	A	ND	ND	
1-00202	KDC Bluffs Subdivision	3/9/2000	Field Sample		Surface soil	Property	Soil	0	2	PLM-9002	C	5	ND	
1-00203	KDC Bluffs Subdivision	3/9/2000	Field Sample		Surface soil	Property	Soil	2	12	PLM-9002	B	< 1	ND	
1-00204	KDC Bluffs Subdivision	3/9/2000	Field Sample		Surface soil	Property	Soil	0	2	PLM-9002	C	5	ND	
1-00205	KDC Bluffs Subdivision	3/9/2000	Field Sample		Surface soil	Property	Soil	0	2	PLM-9002	C	7	ND	
1-00206	KDC Bluffs Subdivision	3/9/2000	Field Sample		Surface soil	Property	Soil	2	12	PLM-9002	C	7	ND	
1-00207	KDC Bluffs Subdivision	3/9/2000	Field Sample		Other	Property		0	1	PLM-9002	C	2	ND	
1-00208	KDC Bluffs Subdivision	3/9/2000	Field Sample		Other	Property		0	1	PLM-9002	C	2	ND	
1-00209	KDC Bluffs Subdivision	3/9/2000	Field Sample		Surface soil	Property	Soil	0	2	PLM-9002	B	< 1	ND	
1-00210	KDC Bluffs Subdivision	3/9/2000	Field Sample		Surface soil	Property	Soil	0	2	PLM-9002	A	ND	ND	
1-00211	KDC Bluffs Subdivision	3/9/2000	Field Sample		Surface soil	Property	Soil	2	12	PLM-9002	A	ND	ND	
1-00212	KDC Bluffs Subdivision	3/9/2000	Field Sample		Surface soil	Property	Soil	0	2	PLM-9002	A	ND	ND	
1-00213	KDC Bluffs Subdivision	3/9/2000	Field Sample		Surface soil	Property	Soil	0	2	PLM-9002	A	ND	ND	
1-00217	KDC Bluffs Subdivision	3/9/2000	Field Sample		Other	Property		0	24	PLM-9002	B	< 1	ND	
1-00218	KDC Bluffs Subdivision	3/9/2000	Field Sample		Other	Property		0	24	PLM-9002	B	< 1	ND	
1-00219	KDC Bluffs Subdivision	3/9/2000	Field Sample		Other	Property		0	24	PLM-9002	A	ND	ND	
1-00220	KDC Bluffs Subdivision	3/9/2000	Field Sample		Surface soil	Property	Soil	0	2	PLM-9002	A	ND	ND	
1-00221	KDC Bluffs Subdivision	3/9/2000	Field Sample		Surface soil	Property	Soil	2	12	PLM-9002	A	ND	ND	
1-00222	KDC Bluffs Subdivision	3/9/2000	Field Sample		Surface soil	Property	Soil	0	2	PLM-9002	A	ND	ND	
1-00223	KDC Bluffs Subdivision	3/10/2000	Field Sample		Mining waste	Property		0	2	PLM-9002	C	7	ND	
1-00224	KDC Bluffs Subdivision	3/10/2000	Field Sample		Mining waste	Property		2	12	PLM-9002	C	10	ND	
1-00225	KDC Bluffs Subdivision	3/10/2000	Field Sample		Surface soil	Property	Soil	0	2	PLM-9002	A	ND	ND	
1-00226	KDC Bluffs Subdivision	3/10/2000	Field Sample		Surface soil	Property	Soil	2	12	PLM-9002	A	ND	ND	
1-00227	KDC Bluffs Subdivision	3/10/2000	Field Sample		Surface soil	Property	Soil	0	2	PLM-9002	A	ND	ND	
1-00228	KDC Bluffs Subdivision	3/10/2000	Field Sample		Other	Property		0	1	PLM-9002	C	4	ND	
1-00229	KDC Bluffs Subdivision	3/10/2000	Field Sample		Surface soil	Property	Soil	0	2	PLM-9002	B	< 1	ND	
1-00230	KDC Bluffs Subdivision	3/10/2000	Field Sample		Surface soil	Property	Soil	0	2	PLM-9002	A	ND	ND	
1-00231	KDC Bluffs Subdivision	3/10/2000	Field Sample		Surface soil	Property	Soil	2	12	PLM-9002	A	ND	ND	
1-00235	KDC Bluffs Subdivision	3/10/2000	Field Sample		Surface soil	Property	Soil	0	2	PLM-9002	B	< 1	ND	
1-00236	KDC Bluffs Subdivision	3/10/2000	Field Sample		Surface soil	Property	Soil	2	12	PLM-9002	A	ND	ND	
1-00237	KDC Bluffs Subdivision	3/10/2000	Field Sample		Surface soil	Property	Soil	0	2	PLM-9002	A	ND	ND	
1-00238	KDC Bluffs Subdivision	3/10/2000	Field Sample		Surface soil	Property	Soil	0	2	PLM-9002	A	ND	ND	
1-00239	KDC Bluffs Subdivision	3/10/2000	Field Sample		Surface soil	Property	Soil	2	12	PLM-9002	B	< 1	ND	
1-00240	KDC Bluffs Subdivision	3/10/2000	Field Sample		Surface soil	Property	Soil	0	2	PLM-9002	B	< 1	ND	
1-00241	KDC Bluffs Subdivision	3/10/2000	Field Sample		Other	Property		0	1	PLM-9002	A	ND	ND	
1-00242	KDC Bluffs Subdivision	3/10/2000	Field Sample		Surface soil	Property	Soil	0	2	PLM-9002	B	< 1	ND	
1-00243	KDC Bluffs Subdivision	3/10/2000	Field Sample		Surface soil	Property	Soil	0	2	PLM-9002	A	ND	ND	

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LA = Libby Amphibole

ND = non-detect

% = percent

C = Chrysotile

PLM = polarized light microscopy

PLM-9002 = National Institute for Occupational Safety and Health 9002 method

< = less than

Table 2-37. Kootenai Bluffs Subdivision Investigation Soil Sample Results – March 2001

Sample ID	Property Group (Location)	Sample Date	Category	Parent ID	Matrix	Sample Group	Location Description (Sub Location)	Top Depth (inches)	Bottom Depth (inches)	Analytical Results				
										Method	LA Bin	LA (%)	C (%)	
1-02082	Conveyor Unloading Station	3/27/2001	Field Sample		Surface soil	Property	Soil	0	36	PLM-9002	A	ND	ND	
1-02083	Conveyor Unloading Station	3/27/2001	Field Sample		Surface soil	Property	Soil	0	48	PLM-9002	A	ND	ND	
1-02084	Conveyor Unloading Station	3/27/2001	Field Sample		Surface soil	Property	Soil	48	96	PLM-9002	A	ND	ND	
1-02085	Conveyor Unloading Station	3/27/2001	Field Sample		Surface soil	Property	Soil	72	112	PLM-9002	A	ND	ND	
1-02086	Conveyor Unloading Station	3/27/2001	Field Sample		Surface soil	Property	Soil	36	84	PLM-9002	A	ND	ND	
1-02107	KDC Bluffs Subdivision	3/30/2001	Field Sample		Surface soil	Property	Soil	0	28	PLM-9002	C	5	ND	
1-02108	KDC Bluffs Subdivision	3/30/2001	Field Sample		Surface soil	Property	Soil	10	13	PLM-9002	C	2	ND	
1-02109	KDC Bluffs Subdivision	3/30/2001	Field Sample		Surface soil	Property	Soil	0	22	PLM-9002	C	10	ND	
1-02111	KDC Bluffs Subdivision	3/30/2001	Field Sample		Surface soil	Property	Soil	0	15	PLM-9002	C	3	ND	
1-02112	KDC Bluffs Subdivision	3/30/2001	Field Sample		Surface soil	Property	Soil	15	21	PLM-9002	C	2	ND	
1-02113	KDC Bluffs Subdivision	3/30/2001	Field Sample		Surface soil	Property	Soil	0	11	PLM-9002	C	10	ND	
1-02114	KDC Bluffs Subdivision	3/30/2001	Field Sample		Surface soil	Property	Soil	11	15	PLM-9002	C	2	ND	
1-02115	KDC Bluffs Subdivision	3/30/2001	Field Sample		Surface soil	Property	Soil	0	11	PLM-9002	C	8	ND	
1-02116	KDC Bluffs Subdivision	3/30/2001	Field Sample		Surface soil	Property	Soil	11	15	PLM-9002	B	< 1	ND	
1-02117	KDC Bluffs Subdivision	3/30/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	C	3	ND	
1-02118	KDC Bluffs Subdivision	3/30/2001	Field Sample		Surface soil	Property	Soil	0	2	PLM-9002	C	2	ND	
1-02119	KDC Bluffs Subdivision	3/30/2001	Field Sample		Surface soil	Property	Soil	2	6	PLM-9002	B	< 1	ND	
1-02120	KDC Bluffs Subdivision	3/30/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	C	10	ND	
1-02141	KDC Bluffs Subdivision	3/30/2001	Field Sample		Surface soil	Property	Soil	0	2	PLM-9002	C	2	ND	
1-02142	KDC Bluffs Subdivision	3/30/2001	Field Sample		Surface soil	Property	Soil	2	4	PLM-9002	B	< 1	ND	
1-02143	KDC Bluffs Subdivision	3/30/2001	Field Sample		Surface soil	Property	Soil	0	7	PLM-9002	C	10	ND	
1-02144	KDC Bluffs Subdivision	3/30/2001	Field Sample		Surface soil	Property	Soil	7	10	PLM-9002	C	2	ND	
1-02145	KDC Bluffs Subdivision	3/30/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	B	< 1	ND	
1-02146	KDC Bluffs Subdivision	3/30/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	B	< 1	ND	
1-02147	KDC Bluffs Subdivision	3/30/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	A	ND	ND	
1-02148	KDC Bluffs Subdivision	3/30/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	B	< 1	ND	
1-02149	KDC Bluffs Subdivision	3/30/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	A	ND	ND	
1-02150	KDC Bluffs Subdivision	3/30/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	B	< 1	ND	

Notes and Definitions:

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LA = Libby Amphibole

ND = non-detect

% = percent

C = Chrysotile

PLM = polarized light microscopy

PLM-9002 = National Institute for Occupational Safety and Health 9002 method

< = less than

Table 2-38. Kootenai Bluffs Subdivision Investigation Soil Sample Results – July 2001

Sample ID	Property Group (Location)	Sample Date	Category	Parent ID	Matrix	Sample Group	Location Description (Sub Location)	Top Depth (inches)	Bottom Depth (inches)	Analytical Results					
										Method	LA Bin	LA (%)		C (%)	
1-03090	KDC Bluffs	7/11/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	A	ND		ND	
1-03091	KDC Bluffs	7/11/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	A	ND		ND	
1-03092	KDC Bluffs	7/11/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	A	ND		ND	
1-03093	KDC Bluffs	7/11/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	A	ND		ND	
1-03094	KDC Bluffs	7/11/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	A	ND		ND	
1-03095	KDC Bluffs	7/11/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	B	<	1	ND	
1-03096	KDC Bluffs	7/11/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	A	ND		ND	
1-03097	KDC Bluffs	7/11/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	A	ND		ND	
1-03098	KDC Bluffs	7/11/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	A	ND		ND	
1-03099	KDC Bluffs	7/11/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	A	ND		ND	
1-03100	KDC Bluffs	7/11/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	A	ND		ND	
1-03101	KDC Bluffs	7/11/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	B	<	1	ND	
1-03102	KDC Bluffs	7/11/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	A	ND		ND	
1-03103	KDC Bluffs	7/11/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	A	ND		ND	
1-03104	KDC Bluffs	7/11/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	A	ND		ND	
1-03105	KDC Bluffs	7/11/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	A	ND		ND	
1-03106	KDC Bluffs	7/11/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	A	ND		ND	
1-03107	KDC Bluffs	7/11/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	A	ND		ND	
1-03165	KDC Bluffs	7/11/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	A	ND		ND	
1-03166	KDC Bluffs	7/11/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	A	ND		ND	
1-03113	KDC Bluffs	7/12/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	A	ND		ND	
1-03114	KDC Bluffs	7/12/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	A	ND		ND	
1-03115	KDC Bluffs	7/12/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	A	ND		ND	
1-03116	KDC Bluffs	7/12/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	A	ND		ND	
1-03117	KDC Bluffs	7/12/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	A	ND		ND	
1-03118	KDC Bluffs	7/12/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	B	<	1	ND	
1-03119	KDC Bluffs	7/12/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	A	ND		ND	
1-03120	KDC Bluffs	7/12/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	A	ND		ND	
1-03121	KDC Bluffs	7/12/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	A	ND		ND	
1-03122	KDC Bluffs	7/12/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	A	ND		ND	
1-03123	KDC Bluffs	7/12/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	A	ND		ND	
1-03124	KDC Bluffs	7/12/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	B	<	1	ND	
1-03125	KDC Bluffs	7/13/2001	Field Sample		Surface soil	Property		0	6	PLM-9002	A	ND		ND	
1-03126	KDC Bluffs	7/13/2001	Field Sample		Surface soil	Property		0	6	PLM-9002	A	ND		ND	
1-03127	KDC Bluffs	7/13/2001	Field Sample		Surface soil	Property		0	6	PLM-9002	B	<	1	ND	
1-03128	KDC Bluffs	7/13/2001	Field Sample		Surface soil	Property		0	6	PLM-9002	B	<	1	ND	
1-03129	KDC Bluffs	7/13/2001	Field Sample		Surface soil	Property		0	6	PLM-9002	B	<	1	ND	
1-03130	KDC Bluffs	7/13/2001	Field Sample		Surface soil	Property		0	6	PLM-9002	B	<	1	ND	
1-03211	KDC Bluffs	7/13/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	B	<	1	ND	
1-03212	KDC Bluffs	7/13/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	B	<	1	ND	
1-03213	KDC Bluffs	7/13/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	B	<	1	ND	
1-03214	KDC Bluffs	7/13/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	B	<	1	ND	
1-03215	KDC Bluffs	7/13/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	A	ND		ND	
1-03216	KDC Bluffs	7/13/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	A	ND		ND	
1-03217	KDC Bluffs	7/13/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	B	<	1	ND	
1-03218	KDC Bluffs	7/13/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	B	<	1	ND	
1-03219	KDC Bluffs	7/13/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	B	<	1	ND	
1-03220	KDC Bluffs	7/13/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	B	<	1	ND	
1-03221	KDC Bluffs	7/13/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	B	<	1	ND	

Table 2-38. Kootenai Bluffs Subdivision Investigation Soil Sample Results – July 2001

Sample ID	Property Group (Location)	Sample Date	Category	Parent ID	Matrix	Sample Group	Location Description (Sub Location)	Top Depth (inches)	Bottom Depth (inches)	Analytical Results				
										Method	LA Bin	LA (%)		C (%)
1-03222	KDC Bluffs	7/13/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	B	<	1	ND
1-03223	KDC Bluffs	7/13/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	B	<	1	ND
1-03170	KDC Bluffs	7/24/2001	Field Duplicate	1-03229	Surface soil	Property		0	6	PLM-9002	B	<	1	ND
1-03171	KDC Bluffs	7/24/2001	Field Duplicate	1-03236	Surface soil	Property		0	6	PLM-9002	A	ND		ND
1-03172	KDC Bluffs	7/24/2001	Field Duplicate	1-03244	Surface soil	Property		0	6	PLM-9002	A	ND		ND
1-03225	KDC Bluffs	7/24/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	B	<	1	ND
1-03226	KDC Bluffs	7/24/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	B	<	1	ND
1-03227	KDC Bluffs	7/24/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	B	<	1	ND
1-03228	KDC Bluffs	7/24/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	B	<	1	ND
1-03229	KDC Bluffs	7/24/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	B	<	1	ND
1-03230	KDC Bluffs	7/24/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	B	<	1	ND
1-03231	KDC Bluffs	7/24/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	B	<	1	ND
1-03232	KDC Bluffs	7/24/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	B	<	1	ND
1-03233	KDC Bluffs	7/24/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	B	<	1	ND
1-03234	KDC Bluffs	7/24/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	B	<	1	ND
1-03235	KDC Bluffs	7/24/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	B	<	1	ND
1-03236	KDC Bluffs	7/24/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	B	<	1	ND
1-03237	KDC Bluffs	7/24/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	B	<	1	ND
1-03238	KDC Bluffs	7/24/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	B	<	1	ND
1-03239	KDC Bluffs	7/24/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	B	<	1	ND
1-03240	KDC Bluffs	7/24/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	B	<	1	ND
1-03241	KDC Bluffs	7/24/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	A	ND		ND
1-03242	KDC Bluffs	7/24/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	A	ND		ND
1-03243	KDC Bluffs	7/24/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	A	ND		ND
1-03244	KDC Bluffs	7/24/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	A	ND		ND
1-03245	KDC Bluffs	7/24/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	A	ND		ND
1-03246	KDC Bluffs	7/24/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	A	ND		ND
1-03175	KDC Bluffs	7/25/2001	Field Duplicate	1-03257	Surface soil	Property	surface soil	0	6	PLM-9002	A	ND		ND
1-03176	KDC Bluffs	7/25/2001	Field Duplicate	1-03264	Surface soil	Property	surface soil	0	6	PLM-9002	A	ND		ND
1-03177	KDC Bluffs	7/25/2001	Field Duplicate	1-03279	Surface soil	Property	surface	0	6	PLM-9002	A	ND		ND
1-03178	KDC Bluffs	7/25/2001	Field Duplicate	1-03284	Surface soil	Property	surface soil	0	6	PLM-9002	A	ND		ND
1-03247	KDC Bluffs	7/25/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	A	ND		ND
1-03248	KDC Bluffs	7/25/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	B	<	1	ND
1-03249	KDC Bluffs	7/25/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	B	<	1	ND
1-03250	KDC Bluffs	7/25/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	B	<	1	ND
1-03256	KDC Bluffs	7/25/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	A	ND		ND
1-03257	KDC Bluffs	7/25/2001	Field Sample		Surface soil	Property	Soil	0	6	PLM-9002	A	ND		ND
1-03258	KDC Bluffs	7/25/2001	Field Sample		Surface soil	Property	other surface soil	0	6	PLM-9002	B	<	1	ND
1-03259	KDC Bluffs	7/25/2001	Field Sample		Surface soil	Property	other surface soil	0	6	PLM-9002	A	ND		ND
1-03260	KDC Bluffs	7/25/2001	Field Sample		Surface soil	Property	other surface soil	0	6	PLM-9002	B	<	1	ND
1-03261	KDC Bluffs	7/25/2001	Field Sample		Surface soil	Property	other surface soil	0	6	PLM-9002	A	ND		ND
1-03262	KDC Bluffs	7/25/2001	Field Sample		Surface soil	Property	other surface soil	0	6	PLM-9002	A	ND		ND
1-03263	KDC Bluffs	7/25/2001	Field Sample		Surface soil	Property	other surface soil	0	6	PLM-9002	B	<	1	ND
1-03264	KDC Bluffs	7/25/2001	Field Sample		Surface soil	Property		0	6	PLM-9002	B	<	1	ND
1-03265	KDC Bluffs	7/25/2001	Field Sample		Surface soil	Property		0	6	PLM-9002	A	ND		ND
1-03266	KDC Bluffs	7/25/2001	Field Sample		Surface soil	Property		0	6	PLM-9002	A	ND		ND
1-03267	KDC Bluffs	7/25/2001	Field Sample		Surface soil	Property	other surface soil	0	6	PLM-9002	A	ND		ND
1-03268	KDC Bluffs	7/25/2001	Field Sample		Surface soil	Property	other surface soil	0	6	PLM-9002	A	ND		ND
1-03269	KDC Bluffs	7/25/2001	Field Sample		Surface soil	Property	other surface soil	0	6	PLM-9002	A	ND		ND

Table 2-38. Kootenai Bluffs Subdivision Investigation Soil Sample Results – July 2001

Sample ID	Property Group (Location)	Sample Date	Category	Parent ID	Matrix	Sample Group	Location Description (Sub Location)	Top Depth (Inches)	Bottom Depth (Inches)	Analytical Results			
										Method	LA Bin	LA (%)	C (%)
1-03270	KDC Bluffs	7/25/2001	Field Sample		Surface soil	Property	other surface soil	0	6	PLM-9002	A	ND	ND
1-03271	KDC Bluffs	7/25/2001	Field Sample		Surface soil	Property	other surface soil	0	6	PLM-9002	A	ND	ND
1-03272	KDC Bluffs	7/25/2001	Field Sample		Surface soil	Property	other surface soil	0	6	PLM-9002	A	ND	ND
1-03273	KDC Bluffs	7/25/2001	Field Sample		Surface soil	Property	other surface soil	0	6	PLM-9002	A	ND	ND
1-03274	KDC Bluffs	7/25/2001	Field Sample		Surface soil	Property	other surface soil	0	6	PLM-9002	A	ND	ND
1-03275	KDC Bluffs	7/25/2001	Field Sample		Surface soil	Property	other surface soil	0	6	PLM-9002	A	ND	ND
1-03276	KDC Bluffs	7/25/2001	Field Sample		Surface soil	Property	surface soil	0	6	PLM-9002	A	ND	ND
1-03277	KDC Bluffs	7/25/2001	Field Sample		Surface soil	Property	surface soil	0	6	PLM-9002	A	ND	ND
1-03278	KDC Bluffs	7/25/2001	Field Sample		Surface soil	Property	surface soil	0	6	PLM-9002	A	ND	ND
1-03279	KDC Bluffs	7/25/2001	Field Sample		Surface soil	Property	surface soil	0	6	PLM-9002	A	ND	ND
1-03280	KDC Bluffs	7/25/2001	Field Sample		Surface soil	Property	surface soil	0	6	PLM-9002	A	ND	ND
1-03281	KDC Bluffs	7/25/2001	Field Sample		Surface soil	Property	surface soil	0	6	PLM-9002	A	ND	ND
1-03282	KDC Bluffs	7/25/2001	Field Sample		Surface soil	Property	surface soil	0	6	PLM-9002	A	ND	ND
1-03283	KDC Bluffs	7/25/2001	Field Sample		Surface soil	Property	surface soil	0	6	PLM-9002	A	ND	ND
1-03284	KDC Bluffs	7/25/2001	Field Sample		Surface soil	Property	surface soil	0	6	PLM-9002	A	ND	ND
1-03285	KDC Bluffs	7/25/2001	Field Sample		Surface soil	Property	surface soil	0	6	PLM-9002	A	ND	ND

Notes and Definitions:

The report excludes all lab quality control results, such as those associated with Lab Blanks, Lab Duplicates, Re-Preparation, Re-count Same, Re-count Different, Verified Analysis, etc.

LA = Libby Amphibole

ND = non-detect

% = percent

C = Chrysotile

PLM = polarized light microscopy

PLM-9002 = National Institute for Occupational Safety and Health 9002 method

< = less than

Table 2-39. Kootenai Bluffs Subdivision Investigation Soil Sample Results – September to November 2001

Sample ID	Property Group (Location)	Sample Date	Category	Parent ID	Matrix	Sample Group	Location Description (Sub Location)	Top Depth (inches)	Bottom Depth (inches)	Analytical Results					
										Method	LA Bin	LA (%)		C (%)	
1R-10001	KDC Bluffs	9/7/2001	Field Sample		Surface soil	Property	outside of exclusion zone	0	3	PLM-9002	A	ND		ND	
1R-10002*	KDC Bluffs	9/7/2001	Field Sample		Surface soil	Property	other	6	12	PLM-9002	B	<	1	ND	
1R-10003	KDC Bluffs	9/15/2001	Field Sample		Surface soil	Property	other	0	12	PLM-9002	A	ND		ND	
1R-10004	KDC Bluffs	9/15/2001	Field Sample		Surface soil	Property	other	0	12	PLM-9002	A	ND		ND	
1R-10005	KDC Bluffs	9/18/2001	Field Sample		Surface soil	Property	other	0	3	PLM-9002	A	ND		ND	
1R-10006	KDC Bluffs	9/21/2001	Field Sample		Surface soil	Property	vermiculite stockpile	0	4	PLM-9002	B	<	1	ND	
1R-10007	KDC Bluffs	9/21/2001	Field Sample		Surface soil	Property	vermiculite stockpile	0	4	PLM-9002	C		3	ND	
1R-10008	KDC Bluffs	10/3/2001	Field Sample		Surface soil	Property	slope	0	6	PLM-9002	B	<	1	ND	
1R-10013	KDC Bluffs	10/3/2001	Field Sample		Surface soil	Property	slope	0	6	PLM-9002	B	<	1	ND	
1R-10014	KDC Bluffs	10/6/2001	Field Sample		Surface soil	Property	other, grid 4T	0	4	PLM-9002	A	ND		ND	
1R-10015	KDC Bluffs	10/6/2001	Field Sample		Surface soil	Property	other, grid 2O	0	4	PLM-9002	B	<	1	ND	
1R-12233	KDC Bluffs	10/15/2001	Field Sample		Subsurface soil	Property	utility line	24	28	PLM-9002	A	ND		ND	
1R-12234	KDC Bluffs	10/15/2001	Field Sample		Subsurface soil	Property	utility box	22	26	PLM-9002	A	ND		ND	
1R-12235*	KDC Bluffs	10/16/2001	Field Sample		Surface soil	Property	driveway	0	2	PLM-9002	A	ND		ND	
1R-12236*	KDC Bluffs	10/16/2001	Field Sample		Surface soil	Property	driveway	0	2	PLM-9002	A	ND		ND	
1R-12237*	KDC Bluffs	10/16/2001	Field Sample		Surface soil	Property	driveway	0	2	PLM-9002	B	<	1	ND	
1R-12238*	KDC Bluffs	10/16/2001	Field Sample		Surface soil	Property	driveway	0	2	PLM-9002	A	ND		ND	
1R-12239	KDC Bluffs	10/16/2001	Field Sample		Surface soil	Property	driveway	0	4	PLM-9002	B	<	1	ND	
1R-12240	KDC Bluffs	10/16/2001	Field Sample		Subsurface soil	Property	driveway	4	12	PLM-9002	A	ND		ND	
1R-12261	KDC Bluffs	10/16/2001	Field Sample		Subsurface soil	Property	driveway	12	24	PLM-9002	A	ND		ND	
1R-12262	KDC Bluffs	10/16/2001	Field Sample		Subsurface soil	Property	driveway	12	24	PLM-9002	A	ND		ND	
1R-12263	KDC Bluffs	10/16/2001	Field Sample		Surface soil	Property	driveway	0	4	PLM-9002	A	ND		ND	
1R-12264	KDC Bluffs	10/16/2001	Field Sample		Subsurface soil	Property	driveway	4	12	PLM-9002	A	ND		ND	
1R-12265	KDC Bluffs	10/16/2001	Field Sample		Subsurface soil	Property	driveway	12	24	PLM-9002	A	ND		ND	
1R-12266	KDC Bluffs	10/16/2001	Field Sample		Subsurface soil	Property	driveway	24	36	PLM-9002	A	ND		ND	
1R-12267	KDC Bluffs	10/16/2001	Field Sample		Surface soil	Property	driveway	0	4	PLM-9002	B	<	1	ND	
1R-12268	KDC Bluffs	10/16/2001	Field Sample		Subsurface soil	Property	driveway	4	12	PLM-9002	A	ND		ND	
1R-12269	KDC Bluffs	10/16/2001	Field Sample		Subsurface soil	Property	driveway	12	24	PLM-9002	A	ND		ND	
1R-12270	KDC Bluffs	10/16/2001	Field Sample		Subsurface soil	Property	driveway	24	36	PLM-9002	A	ND		ND	
1R-12271	KDC Bluffs	10/19/2001	Field Sample		Surface soil	Property	excavated grid	0	4	PLM-9002	B	<	1	ND	
1R-12272	KDC Bluffs	10/19/2001	Field Sample		Surface soil	Property	excavated grid	0	4	PLM-9002	A	ND		ND	
1R-12273	KDC Bluffs	10/19/2001	Field Sample		Surface soil	Property	excavated grid	0	4	PLM-9002	B	<	1	ND	
1R-12274	KDC Bluffs	10/19/2001	Field Sample		Surface soil	Property	excavated soil	0	4	PLM-9002	B	<	1	ND	
1R-12275*	KDC Bluffs	10/20/2001	Field Sample		Subsurface soil	Property	utility line	20	24	PLM-9002	A	ND		ND	
1R-12701	KDC Bluffs	10/23/2001	Field Sample		Surface soil	Property	proposed residential	0	4	PLM-9002	C		3	ND	
1R-12702	KDC Bluffs	10/23/2001	Field Sample		Surface soil	Property	proposed residential	0	4	PLM-9002	B	<	1	ND	
1R-12703	KDC Bluffs	10/24/2001	Field Sample		Surface soil	Property	proposed residential	0	4	PLM-9002	B	<	1	ND	
1R-12704	KDC Bluffs	10/25/2001	Field Sample		Surface soil	Property	proposed residential	0	4	PLM-9002	B	<	1	ND	
1R-12705	KDC Bluffs	10/25/2001	Field Sample		Surface soil	Property	proposed residential	0	4	PLM-9002	C		6	ND	
1R-12706	KDC Bluffs	10/25/2001	Field Sample		Surface soil	Property	proposed residential	0	4	PLM-9002	B	<	1	ND	
1R-12707	KDC Bluffs	10/25/2001	Field Sample		Surface soil	Property	proposed residential	0	4	PLM-9002	B	<	1	ND	
1R-12708	KDC Bluffs	10/25/2001	Field Sample		Surface soil	Property	proposed residential	0	4	PLM-9002	A	ND		ND	
1R-12710	KDC Bluffs	10/25/2001	Field Sample		Surface soil	Property	proposed residential	0	4	PLM-9002	B	<	1	ND	
1R-12711	KDC Bluffs	10/25/2001	Field Sample		Surface soil	Property	proposed residential	0	4	PLM-9002	C		3	ND	
1R-12712*	KDC Bluffs	10/25/2001	Field Sample		Surface soil	Property	proposed residential	0	4	PLM-9002	B	<	1	ND	
1R-12713	KDC Bluffs	10/26/2001	Field Sample		Surface soil	Property	proposed residential	0	4	PLM-9002	B	<	1	ND	
1R-12714	KDC Bluffs	10/26/2001	Field Sample		Surface soil	Property	proposed residential	0	4	PLM-9002	A	ND		ND	
1R-12715	KDC Bluffs	10/27/2001	Field Sample		Surface soil	Property	future residence	0	4	PLM-9002	B	<	1	ND	
1R-12716	KDC Bluffs	10/27/2001	Field Sample		Surface soil	Property	future residence	0	4	PLM-9002	B	<	1	ND	

Table 2-39. Kootenai Bluffs Subdivision Investigation Soil Sample Results – September to November 2001

Sample ID	Property Group (Location)	Sample Date	Category	Parent ID	Matrix	Sample Group	Location Description (Sub Location)	Top Depth (inches)	Bottom Depth (inches)	Analytical Results					
										Method	LA Bin	LA (%)		C (%)	
1R-12132	KDC Bluffs	10/29/2001	Field Sample		Subsurface soil	Property	excavation	7	7.2	PLM-9002	B	<	1	ND	
1R-12133	KDC Bluffs	10/29/2001	Field Sample		Subsurface soil	Property	excavation	4	4.2	PLM-9002	B	<	1	ND	
1R-12134	KDC Bluffs	10/29/2001	Field Sample		Subsurface soil	Property	excavation	3	3.2	PLM-9002	B	<	1	ND	
1R-13221	KDC Bluffs	10/30/2001	Field Sample		Subsurface soil	Property	excavation	3	5	PLM-9002	B	<	1	ND	
1R-13222	KDC Bluffs	10/30/2001	Field Sample		Subsurface soil	Property	excavation	3	5	PLM-9002	A	ND		ND	
1R-13223	KDC Bluffs	10/30/2001	Field Sample		Subsurface soil	Property	excavation	3	5	PLM-9002	A	ND		ND	
1R-13224	KDC Bluffs	10/31/2001	Field Sample		Surface soil	Property	stockpile #2	24	26	PLM-9002	A	ND		ND	
1R-13225	KDC Bluffs	10/31/2001	Field Sample		Surface soil	Property	stockpile #2	24	26	PLM-9002	A	ND		ND	
1R-13226	KDC Bluffs	10/31/2001	Field Sample		Surface soil	Property	road subsurface	36	38	PLM-9002	A	ND		ND	
1R-13227	KDC Bluffs	11/1/2001	Field Sample		Surface soil	Property	haul road	0	4	PLM-9002	A	ND		ND	
1R-13228	KDC Bluffs	11/1/2001	Field Sample		Surface soil	Property	haul road	0	4	PLM-9002	A	ND		ND	
1R-13229	KDC Bluffs	11/2/2001	Field Sample		Surface soil	Property	haul road	0	4	PLM-9002	B	<	1	ND	
1R-13230	KDC Bluffs	11/2/2001	Field Sample		Surface soil	Property	haul road	0	4	PLM-9002	B	<	1	ND	
1R-13231	KDC Bluffs	11/2/2001	Field Sample		Surface soil	Property	haul road	0	4	PLM-9002					
1R-13232	KDC Bluffs	11/2/2001	Field Sample		Surface soil	Property	haul road	0	4	PLM-9002	B	<	1	ND	

Notes and Definitions:

The report excludes all lab quality control results, such as those associated with Lab Blanks, Lab Duplicates, Re-Preparation, Re-count Same, Re-count Different, Verified Analysis, etc.

LA = Libby Amphibole

ND = non-detect

% = percent

C = Chrysotile

PLM = polarized light microscopy

PLM-9002 = National Institute for Occupational Safety and Health 9002 method

< = less than

* = Coordinate data are not available for these samples; therefore, sample locations are not presented graphically in this report

Table 2-40. Kootenai Bluffs Subdivision Investigation Soil Sample Results -- September 2003

Sample ID	Property Group (Location)	Sample Date	Category	Parent ID	Matrix	Sample Group	Location Description (Sub Location)	Top Depth (inches)	Bottom Depth (inches)	Analytical Results				
										Method	LA Bin	LA (%)		C (%)
[illegible]R-23029-B	KDC Bluffs	9/30/2003	Field Sample		Subsurface soil	Stockpile	W. excavation	4	6	PLM-9002	B2	<	1	ND
[illegible]R-23030-B	KDC Bluffs	9/30/2003	Field Sample		Subsurface soil	Stockpile	NE excavation	14	18	PLM-9002	A	ND		ND

Notes and Definitions:

The report excludes all lab quality control results, such as those associated with Lab Blanks, Lab Duplicates, Re-Preparation, Re-count Same, Re-count Different, Verified Analysis, etc.

LA = Libby Amphibole

ND = non-detect

% = percent

C = Chrysotile

PLM = polarized light microscopy

PLM-9002 = National Institute for Occupational Safety and Health 9002 method

< = less than

Table 2-41. Kootenai Bluffs Subdivision Investigation Soil Sample Results – July 2005

Sample ID	Property Group (Location)	Sample Date	Category	Parent ID	Matrix	Sample Group	Location Description (Sub Location)	Top Depth (inches)	Bottom Depth (inches)	Analytical Results				
										Method	LA Bin	LA (%)		C (%)
SQ-00315-C	KDC Bluffs	7/12/2005	Field Sample		Surface soil	Property	Forested area	0	2	PLM-Grav	A	ND		ND
SQ-00315-FG1	KDC Bluffs	7/12/2005	Field Sample		Surface soil	Property	Forested area	0	2	PLM-VE	B1	TR		ND
SQ-00316-C	KDC Bluffs	7/14/2005	Field Sample		Surface soil	Property	Forested area	0	2	PLM-Grav	A	ND		ND
SQ-00316-FG1	KDC Bluffs	7/14/2005	Field Sample		Surface soil	Property	Forested area	0	2	PLM-VE	B1	TR		ND

Notes and Definitions:

The report excludes all lab quality control results, such as those associated with Lab Blanks, Lab Duplicates, Re-Preparation, Re-count Same, Re-count Different, Verified Analysis, etc.

LA = Libby Amphibole

ND = non-detect

% = percent

C = Chrysotile

PLM = polarized light microscopy

PLM-9002 = National Institute for Occupational Safety and Health 9002 method

< = less than

Table 2-42. Kootenai Bluffs Subdivision Investigation Soil Sample Results – April 2006

Sample ID	Property Group (Location)	Sample Date	Category	Parent ID	Matrix	Sample Group	Location Description (Sub Location)	Top Depth (inches)	Bottom Depth (inches)	Analytical Results			
										Method	LA Bin	LA (%)	C (%)
CS-20841-FG1	KDC Bluffs Subdivision	4/21/2006	Field Sample		Surface soil	Field	Lot 1; Shop & Garage	0	1	PLM-VE	A	ND	ND
CS-20842-FG1	KDC Bluffs Subdivision	4/21/2006	Field Sample		Surface soil	Field	Lot 1; House	0	1	PLM-VE	B1	TR	ND
CS-20843-C	KDC Bluffs Subdivision	4/21/2006	Field Sample		Surface soil	Field	Lot 1; N.E. House lot	0	1	PLM-Grav	A	ND	ND
CS-20843-FG1	KDC Bluffs Subdivision	4/21/2006	Field Sample		Surface soil	Field	Lot 1; N.E. House lot	0	1	PLM-VE	A	ND	ND
CS-20844-FG1	KDC Bluffs Subdivision	4/21/2006	Field Sample		Surface soil	Field	Lot 1; N.W. Shop & Garage Lot	0	1	PLM-VE	B1	TR	ND
CS-20845-FG1	KDC Bluffs Subdivision	4/21/2006	Field Sample		Surface soil	Field	Lot 1; S.E. Lot	0	1	PLM-VE	A	ND	ND
CS-20846-C	KDC Bluffs Subdivision	4/21/2006	Field Sample		Surface soil	Field	Lot 1; S.W. Lot	0	1	PLM-Grav	A	ND	ND
CS-20846-FG1	KDC Bluffs Subdivision	4/21/2006	Field Sample		Surface soil	Field	Lot 1; S.W. Lot	0	1	PLM-VE	A	ND	ND
CS-20847-C	KDC Bluffs Subdivision	4/21/2006	Field Duplicate	CS-20846	Surface soil	Field	Lot 1; S.W. Lot - duplicate of CS-20846.	0	1	PLM-Grav	A	ND	ND
CS-20847-FG1	KDC Bluffs Subdivision	4/21/2006	Field Duplicate	CS-20846	Surface soil	Field	Lot 1; S.W. Lot - duplicate of CS-20846.	0	1	PLM-VE	A	ND	ND

Notes and Definitions:
The report excludes all lab quality control results, such as those associated with Lab Blanks, Lab Duplicates, Re-Preparation, Re-count Same, Re-count Different, Verified Analysis, etc.
FG1 suffix in Sample ID = fine ground sample portion
LA = Libby Amphibole
ND = non-detect
% = percent
C = Chrysotile
PLM = polarized light microscopy
PLM-9002 = National Institute for Occupational Safety and Health 9002 method
PLM-VE = visual estimation method
< = less than

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